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INSTALLATION GUIDE FOR PROJECT BROADSWORD Version 1.0



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FORWARD

This document will supercede any previous document(s) for Project Broadsword V1.0 Installation Guide.

The following DRRs have been incorporated into this document:

<u>DRR#</u>	<u>Short Description</u>
37-1.0-IG-001	Typographical change
37-1.0-IG-002	Add configuration worksheets
37-1.0-IG-003	Add note
37-1.0-IG-004	Add comment
37-1.0-IG-005	Add notation
37-1.0-IG-006	Add step & include note
37-1.0-IG-007	Add notation
37-1.0-IG-008	Formatting change
37-1.0-IG-009	Add instructions
37-1.0-IG-010	Add explanation
37-1.0-IG-012	Add step
37-1.0-IG-013	Formatting change
37-1.0-IG-014	Formatting change
37-1.0-IG-015	Add system requirements
37-1.0-IG-016	Add comment
37-1.0-IG-017	Add comment
37-1.0-IG-018	Add comment
37-1.0-IG-019	Add comment
37-1.0-IG-020	Add additional information
37-1.0-IG-021	Add Instructions (unable to control duplications)
37-1.0-IG-022	Add Instructions
37-1.0-IG-023	Add Instructions
37-1.0-IG-024	Add more detail to instructions
37-1.0-IG-025	Add file ownerships/permissions to documentation

Introduction

Installation Overview

The Installation of the Broadword Interface consists of unloading the contents of the distribution tape and running the Installation script. This script asks questions for configuring the Broadword server and client, and then configures each. Finally, the script will initialize the server and client daemons. The installation script, however, does NOT configure any sources (IPL, MIDB, etc.) For procedures on how to add and configure sources and connectivity to remote gatekeepers refer to Chapter 3.

Note 1: No special CSE-SS audit flags are needed for Broadword; the CSE-SS minimum audits will suffice, as Broadword utilizes its own auditing scheme.

Note 2: Operating system patches that are recommended are those recommended by Sun Microsystems, Inc. for the particular machine model used for Broadword. In addition, the list of y2k-compliance patches are as follows (Solaris 2.5.1 only):

103502-07	104093-04	104854-02
103558-10	104433-04	104857-01
103566-23	104463-02	104873-03
103612-33	104468-06	104918-01
103690-05	104490-02	104976-03
103801-06	104816-01	104977-01
103866-03	104818-01	104995-01
103876-03	104820-01	105016-01
103948-02	104822-01	105058-01
103959-05	104824-01	105124-02

Note 3: No additional operating system packages and subsets are required for Broadword, except those required to support CSE-SS version 1.3/1.4.

Note 4: If the server is running the IPL HTML Interface, those daemons must also be running to support the Broadword 'Find' function.

Note 5: No special steps are required to install Broadword in a CSE-SS environment.

1. GETTING STARTED

The Topics in this chapter include:

- Requirements
- Preparing Your System
- Site Configuration Worksheet

The purpose of this chapter is to prepare your system for installation and to gather all the required information you'll need beforehand. At the end of this chapter is a "Site Configuration Worksheet." You should have this worksheet filled out before continuing to Chapter 2. It contains all the questions the installation script will be asking. You may want to detach it from this document to have it handy during the installation.

1.1 Requirements

Broadword can be installed on a dedicated Solaris system, or it can share a system with another Sybase application. Your system must be operating with at least the following hardware/software in order to successfully install and use the Broadword Interface:

- Solaris v2.5.1
- 4mm or 8mm Tape Drive or CD ROM Drive
- At least 1GB free disk space for Broadword software
- At least 2GB free disk space for Broadword database
- 256MB minimum/512MB recommended memory (< 5 users)
- 512MB minimum/1GB recommended memory (production system)
- X-Window Environment
- Sybase SQL Server v11.0.2 or above **OR** Sybase Adaptive Server v11.5 or above
- An HTML v3.2+ compliant web browser, such as Netscape 3.0+ or Internet Explorer 3.0+ (refer to Chapter 1 of the Broadword User's Guide for more information)

1.2 Preparing your System

This section provides a list of things to do *before* installing the Broadword Interface.

NOTE: You must be user **root** at this point to perform each of the following steps (unless specified otherwise).

1. Determine the Tape Drive Device Name if Installing from Tape

Determine the appropriate tape device name to use (/dev/rmt/*) from your system administrator. Be sure to write it in Field (1) in the Site Configuration Worksheet below.

Note: if installing from CD – go to next step.

2. Partition Broadword Database Devices

You must partition disk space to use for the Broadword database, transaction log, and temp device. Use whichever utility program you normally use to partition disks, such as 'format' or 'SparcStorage Array Volume Manager', if using a Sun Sparc Disk Storage Array. The standard partition sizes are as follows, but can be made larger:

- Master Device Path: 30MB {Worksheet #6}
(60 MB for Sybase Adaptive Server)
- Sysprocs Device Path: 30MB {Worksheet #7}
(60 MB for Sybase Adaptive Server)
- TempDevice: 100MB {Worksheet #11}
- Database: 2000 MB {Worksheet #14}
- Transaction Log: 500MB {Worksheet #16}

You can use either raw or UNIX file system partitions for these Sybase devices, however, Sybase, Inc. recommends raw partitions. In either case, make sure that the raw device path (or UNIX directory) is owned and writable by the Sybase user. Also be sure there is enough space available on each partition. You will be prompted during the installation for the location of these free space partitions.

Sybase licensing requires an SQL Server site license to create multiple Sybase dataservers. If your site does not have this site license, you CANNOT create multiple dataservers on this system. If this is the case, you MUST answer the question for 'Sybase Dataserver Name' (Worksheet #4) with your existing dataserver name. This will allow Broadword to 'share' this existing dataserver. If your site does have the site license, the installation will create a new Sybase dataserver. If in question, contact your local Sybase Administrator or Sybase, Inc. at 1-800-8-SYBASE.

Also, if you do not have the SQL Server Site License, you will not need to partition space for a Master Device, Sysprocs Device, or Temp Device. These will be used in the existing dataserver being shared with.

3. Determine Available Disk Space

The standard location to install Broadword is /opt/bswd1.0. Enter the following to determine if the /opt partition has adequate free space:

```
df -k /opt <cr>
```

There should be at least 1GB available on the /opt partition. The distribution tape accounts for only a fraction of this 1GB; the rest is to allow for product & thumbnail caching. If the /opt partition doesn't contain at least 1GB of free space, you should utilize a partition that is large enough, and create a symbolic link called /opt/bswd1.0 that points to it. For example, if the /opt partition is not large enough, but there's an /opt1 partition that is, the following commands could be used:

```
/usr/bin/mkdir /opt1/bswd1.0 <cr>
```

(Makes new directory to store Broadword)

```
/usr/bin/chmod 755 /opt1/bswd1.0
```

(Sets permissions)

```
/usr/bin/ln -s /opt1/bswd1.0 /opt/bswd1.0 <cr>
```

(Creates a symbolic link, called /opt/bswd1.0 that "points to" /opt1/bswd1.0)

4. Backout installation (skip if new installation)

If the Broadword installation has been run on this machine before, you must shutdown(kill) any processes that this installation script will replace, and remove the Broadword dataserver and/or database as the script will recreate them. To stop all the necessary processes, do the following as user root:

```
/opt/bswd1.0/scripts/stopsver <cr>
```

And stop ONLY background APs

IMPORTANT: Before doing the procedures below, make sure to backup your system.
 To remove the **Broadword database**, do the following as your sybase user (**NOTE: this is only an example – your situation may differ**):

```

_____<sybase user> <cr>
/bin/csh <cr>
setenv SYBASE <Bswd Sybase Home Dir> <cr>
setenv DSQUERY <Bswd Sybase Server Name> <cr>
${SYBASE}/bin/isql -Usa -P<Sybase sa Passwd> -y${SYBASE}<cr>
1> select name, phyname from sysdevices <cr>
2> where name = "BswdData" <cr>
3> or name = "BswdLog" <cr>
4> go <cr>

```

```
name
```

```
    phyname
```

```
-----
BswdData
```

```
    /dev/rdisk/c0t5d0s7
```

```
BswdLog
```

```
(Make note of these values)
```

```
    /dev/rdisk/c0t4d0s6
```

```
(2 rows affected)
```

```

1> drop database bswd_db <cr>
2> go <cr>
1> sp_dropdevice BswdData <cr>
2> go <cr>
Device dropped.
(return status = 0)
1> sp_dropdevice BswdLog <cr>
2> go <cr>
Device dropped.
(return status = 0)
1> shutdown with nowait <cr>
2> go <cr>

```

```
Server SHUTDOWN by request.
```

```
The SQL Server is terminating this process.
```

```
00:98/06/08 15:39:15.94 server SQL Server shutdown by request.
```

```
00:98/06/08 15:39:15.98 kernel ueshutdown: exiting
```

```
DB-LIBRARY error:
```

```
    Unexpected EOF from SQL Server.
```

If above phyname fields begin with /dev, **do not perform any remove commands.** Otherwise, remove both of the phyname paths noted above:

rm <BswdData phyname> <cr>

rm <BswdLog phyname> <cr>

If Broadsword is sharing another Sybase Dataserver, **do not perform any further action.** You may proceed to step 5 below.

Otherwise, to remove the **Broadsword Dataserver**, perform the following:

If Dataserver Master, Sysprocs, and TempDevice Paths (Worksheet #6, 7, 10) begin with /dev, **do not perform any remove commands.** Otherwise, remove all of these device files, substituting the appropriate paths in <> with your actual paths:

rm /<Worksheet #6 Path>/BswdMaster.dev <cr>

rm /<Worksheet #7 Path>/BswdSysProcs.dev <cr>

rm /<Worksheet #10 Path>/BswdTemp.dev <cr>

Perform one of the following to remove the Broadsword sybase server from the Sybase interfaces file:

For SQL Server:

\$_{SYBASE}/install/sybinit <cr>

and enter the following input:

<u>INPUT</u>	<u>DESCRIPTION OF ACTION</u>
<u>1 <cr></u>	{Specify Release Directory}
<u>Sybase Home Dir</u>	{Worksheet #3} <cr>
<u>2 <cr></u>	{Edit Interfaces File}
<u>4 <cr></u>	{Delete an existing entry}
<u>Choose # for Bswd Server</u>	{Worksheet #4} <cr>
<u>y <cr></u>	{Remove entry}
<u>y <cr></u>	{Write changes}
<u>CTRL-A CTRL-A</u>	{Exit sybinit}

For Adaptive Server:

Setenv DISPLAY <current X display>

`${SYBASE}/bin/dsedit <cr>`

Make sure “Sybase Interfaces File” is highlighted and click “OK”.

Select the Broadword server entry from the available servers list and click “Delete server
(Important: Only delete a newly created Broadword dataserver, not one that is shared with another application!)

Click “Yes” to confirm deletion. The Broadword dataserver will disappear from the available servers list.

Click “Close session”

Click “Exit”

Click “Yes” to confirm exit

And to remove the Broadword software:

`cd /opt/bswd1.0 <cr>`

`/bin/rm -rf * <cr>`

5. Make sure *sendmail* is running on your system

In order for the Feedback and Profile Notification functions to work properly, the host on which you are installing the Broadword Interface must have *sendmail* set up. Use the following command to check if it’s running:

`/bin/ps -ef|grep sendmail|grep -v grep <cr>`

If you get output returned by the system, sendmail is already running, and you may proceed to the next step. If you get no output, type the following (as user root) to start sendmail:

`sh /etc/init.d/sendmail start <cr>`

6. Perform system kernel modification, if necessary

If the following lines don't already exist in the file `/etc/system`, you must append them (as user root):

```
set shmsys:shminfo shmmax=131072000
```

```
set shmsys:shminfo shmseg=32
```

```
set maxusers=512
```

and issue the following commands:

```
touch /reconfigure <cr>
```

NOTE: Before issuing the following shutdown command, you must shutdown any Database Servers that are currently running to avoid any possible database corruption.

```
/usr/sbin/shutdown -y -g60 -i6 <cr>
```

(to reboot the system and make the new values take effect)

These lines are needed by the Sybase dataserver.

7. Create Broadword User

Create a new UNIX user on the system, using your normal means, called *bswduser*. This user will be used for various Broadword operations, such as Profile Notification and System Administrator Functions. Add this user to the Broadword group chosen or created in the next section.

8. Choose Broadword Group

Choose an existing UNIX group on the system to use for Broadword, or create a new one (i.e. *bswd*). All users connecting to the Broadword Interface must be in this group. For example, if your server already has an "ipa" group defined, and this same group of users will be allowed to connect to Broadword, you can simply use "ipa" as your group name. Be sure to write the group chosen in Field (24) in the Site Configuration Worksheet below.

9. Allow X Server Connections

On the system, open up a new xterm window on the console and allow X server access:

/usr/openwin/bin/xterm & <cr>

And in the new xterm window:

/usr/openwin/bin/xhost + <hostname> <cr>

NOTE: In order for Broadword startup, image conversion, and map interface to work properly, the system console must be directly logged into (at all times), and the above *xhost* command must be in effect. However, the screen may be locked for security reasons.

10. Complete the Site Configuration Worksheet (below)

Based on correctly completing the above 9 steps, fill out the entire worksheet below, and refer to it during the installation process in Chapter 2.

1.3 Site Configuration Worksheet

The following section previews all the configuration questions that will be asked during the installation process. You are encouraged to write in your answers on this page so that you have them handy during installation. (The numbers adjacent to the Field Names are referred to throughout this guide.)

NOTE: For completeness, password fields are listed here. However, it is advisable NOT to write down any passwords on this sheet. You should remember them.

Your Answer	Field Name	Description
	¹ Tape Device Name	(from question 1 above only if installing from tape)
	² Site License?	Have Sybase SQL Server Site License?
	³ Sybase Username	Sybase UNIX username associated with version of Sybase being used for Broadword. (Default: sybase)
	⁴ Sybase Home Dir Path	Home directory path of Sybase SQL Server or Sybase Adaptive server.
	⁵ Sybase Dataserver Name	The dataserver name to use (or create) for Broadword Sybase server. (Default: BSWD_<hostname>_SVR)
	⁶ Sybase Dataserver Port Number	UNIX port to be used by the Broadword Sybase server. Asked only if site license exists. (Default: 2501)
	⁷ Sybase Dataserver Master Device Path	System location to place Broadword dataserver master device. Can either be a raw device (i.e. /dev/rdsk/c0t1d0s2), highly recommended, or a standard UNIX file path, such as /bswd_syb_devices. Must be at least 30MB free on path (60 MB for Sybase Adaptive Server). Asked only if site license exists.
	⁸ Sybase Dataserver Sysprocs Devices Path	System location to place Broadword dataserver systemprocs device. Can either be a raw device (i.e. /dev/rdsk/c0t1d0s2), highly recommended, or a standard UNIX file path, such as /bswd_syb_devices. Must be at least 30MB free on path (60 MB for Sybase Adaptive Server). Asked only if site license exists.

Your Answer	Field Name	Description
	⁹ Sybase B/U Server Create?	Create new Sybase Backup Server? Asked only if site license exists. If a Sybase Backup Server already exists on this system, you may answer “n”.
	¹⁰ Sybase B/U Server Port #	UNIX port to be used by the Sybase Backup Server. Asked only if site license exists, and “y” is answered to question # 9 above.
	¹¹ Broadword TempDevice Path	System location to place Broadword TempDevice. Can either be a raw device (i.e. /dev/rdisk/c0t1d0s2), highly recommended, or a standard UNIX file path, such as /bswd_syb_devices. Asked only if site license exists.
	¹² Broadword TempDevice Size	Size to make the Broadword TempDevice. Asked only if site license exists. (Default: 100MB)
(don't write here)	¹³ Sybase Administrator Password	The password for the Sybase System Administrator (sa). Asked only if no site license exists.
	¹⁴ Broadword Data Device Path	System location to place Broadword database. Can either be a raw device (i.e. /dev/rdisk/c0t1d0s2), highly recommended, or a standard UNIX file path, such as /bswd_syb_devices.
	¹⁵ Broadword Data Device Size	Size to make the Broadword database. (Default: Size of the partition entered above in field # 13 (if raw); or 2000 MB (if UNIX file path))
	¹⁶ Broadword Log Device Path	System location to place Broadword database transaction log. Can either be a raw device (i.e. /dev/rdisk/c0t1d0s2), highly recommended, or a standard UNIX file path, such as /bswd_syb_devices.
	¹⁷ Broadword Log Device Size	Size to make the Broadword database transaction log. (Default: Size of the partition entered above in field # 16 (if raw); or ¼ of database size-from field 14 above (if UNIX file path))
(don't write here)	¹⁸ Bswduser Account Password	UNIX password for ‘bswduser’ account created in Chapter 1.
	¹⁹ Existing IPA/IPL on this machine?	Answer y if there is a co-located IPA or IPL on THIS server.

Your Answer	Field Name	Description
	²⁰ Path to existing IPA/IPL?	If y answered to question above, enter UNIX directory path to IPA/IPL. (Default: /opt/ipl10)
	²¹ Server Type	Server type for this Broadsword Installation. (Choices: P=Protected; B=Both [Protected and Registered])
	²² Protected HTTP port #	UNIX port to be used by the Protected HTTP daemon. Asked only if server type is P or B.
	²³ Registered HTTP port #	UNIX port to be used by the Registered HTTP daemon. Asked only if server type is B.
	²⁴ Network host machine is on	Network type host machine is connected to. (Choices: S=SIPRNET; J=JWICS; I=Internet)
	²⁵ SIPRNET Project Broadsword IP Address	IP Address (on SIPRNET only) of Project Broadsword homepage. Asked only if network type is S. If this address is unknown contact the Broadsword Program Office at (315) 330-7082.
	²⁶ Group Name	UNIX group to use for Broadsword
	²⁷ Broadsword Homepage Logo Image File	Site chosen image to be displayed in upper left corner of Broadsword homepage. Must be path to a GIF or JPEG image; recommended size 159x150 pixels. For no logo (default), just press <cr>.
	²⁸ System Admin Name	System Administrator name.
	²⁹ System Admin Branch	System Administrator branch.
	³⁰ System Admin Organization	System Administrator organization.
	³¹ System Admin Address1	System Administrator address.
	³² System Admin Address2	System Administrator address.
	³³ System Admin Phone	System Administrator UNCLASSIFIED phone number.
	³⁴ System Admin DSN	System Administrator DSN phone number.
	³⁵ ISSO Name	ISSO name.
	³⁶ ISSO Branch	ISSO branch.
	³⁷ ISSO Organization	ISSO organization.

Your Answer	Field Name	Description
	³⁸ ISSO Address1	ISSO address.
	³⁹ ISSO Address2	ISSO address.
	⁴⁰ ISSO Phone	ISSO UNCLASSIFIED phone number.
	⁴¹ ISSO Fax	ISSO fax number.
	⁴² ISSO Email	ISSO email address.
	⁴³ Intelink Site Info Manager Name	Intelink Site Information Manager name.
	⁴⁴ Intelink Site Info Manager Branch	Intelink Site Information Manager branch.
	⁴⁵ Intelink Site Info Manager Organization	Intelink Site Information Manager organization.
	⁴⁶ Intelink Site Info Manager Address1	Intelink Site Information Manager address.
	⁴⁷ Intelink Site Info Manager Address2	Intelink Site Information Manager address.
	⁴⁸ Intelink Site Info Manager Phone	Intelink Site Information Manager UNCLASSIFIED phone number.
	⁴⁹ Intelink Site Info Manager Fax	Intelink Site Information Manager fax number.
	⁵⁰ Intelink Site Info Manager Email	Intelink Site Information Manager email address.

2. INSTALLATION

The Topics in this chapter include:

- Unarchiving the Distribution Tape
- Executing the Installation Script
- Providing Installation Choices
- Confirming Installation Choices
- Configuration Progress
- Installation Verification
- Where to go from here?

2.1 Unarchiving the Distribution Tape CD-ROM

1. Start an xterm shell:

```
/usr/openwin/bin/xterm <cr>
```

2. Login as super-user on the machine you wish to install (in the new xterm window):

```
su - root <cr>
```

3. **(TAPE ONLY)** Insert the distribution tape into the drive. **NOTE:** Make sure the write protect is on—the hole in the corner of the 8mm tape should be in the closed position, this should be open on a 4mm tape.

At the shell prompt, enter:

```
cd/ <cr>
```

```
tar pxvf <tape device name> <cr>
```

Where <tape device name> is the appropriate device name you determined in Chapter 1 (Worksheet Field 1). **NOTE:** This tar operation may take anywhere from 15-40 minutes, depending on system speed.

4. **(CD ROM ONLY)** Insert the distribution CD into the CD-ROM drive.

At the shell prompt, enter:

```
cd/ <cr>
```

```
tar pxvf <CD-ROM mount point>/bswd1_0.tar <cr>
```

(Where CD-ROM mount point is typically /cdrom/cdrom0)

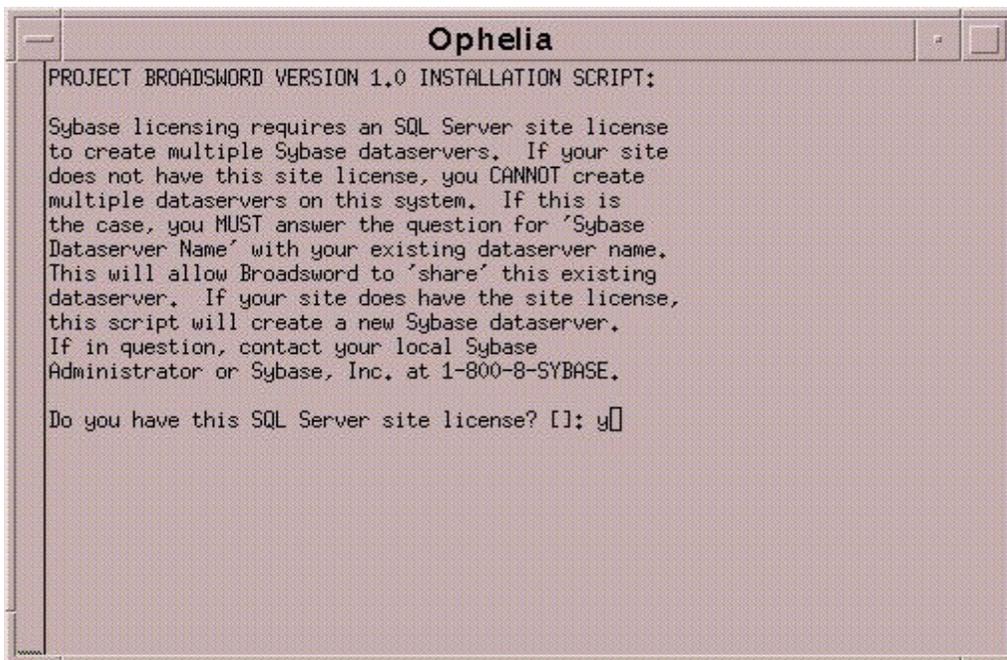
If an error results, check with your system administrator to be sure the CD-ROM is correctly mounted.

2.2 Executing the Installation Script

1. Change directory to the installation script directory by entering:
`cd/opt/bswd1.0/scripts <cr>`
2. Run the script by entering:
`./install <cr>`

2.3 Providing Installation Choices

The script will ask a number of questions, the ones answered in the worksheet above. After answering each page of questions, your screens should look similar to the following (**NOTE: this is only an example – your situation may differ**):



```
Ophelia
PROJECT BROADSWORD VERSION 1.0 INSTALLATION SCRIPT:

Sybase licensing requires an SQL Server site license
to create multiple Sybase datasers.  If your site
does not have this site license, you CANNOT create
multiple datasers on this system.  If this is
the case, you MUST answer the question for 'Sybase
Dataser Name' with your existing dataser name.
This will allow Broadsword to 'share' this existing
dataser.  If your site does have the site license,
this script will create a new Sybase dataser.
If in question, contact your local Sybase
Administrator or Sybase, Inc. at 1-800-8-SYBASE.

Do you have this SQL Server site license? [ ]: y
```

```
Ophelia
PROJECT BROADSWORD VERSION 1.0 INSTALLATION SCRIPT:

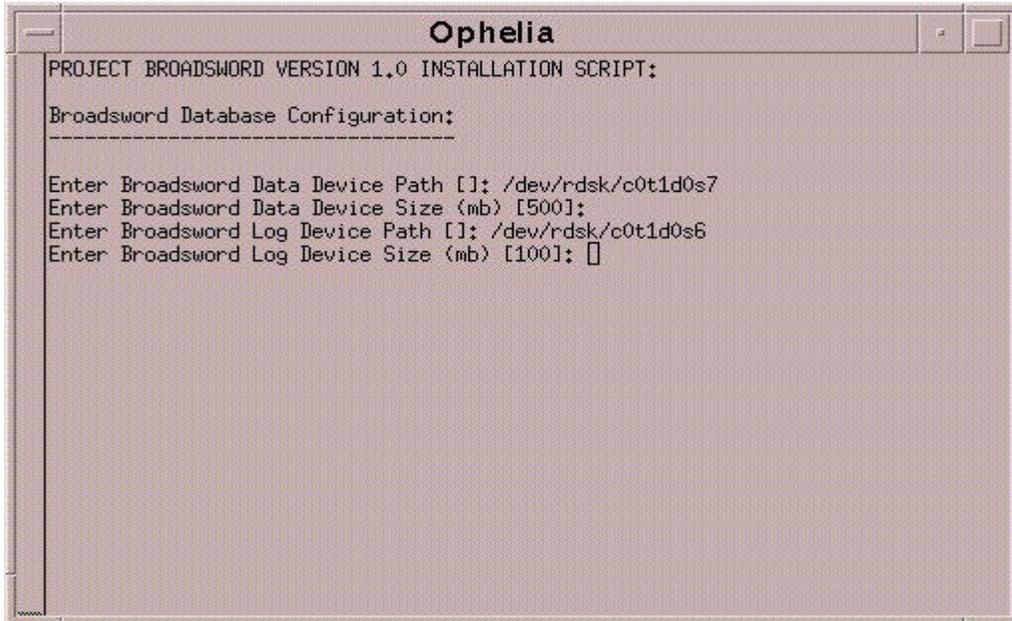
Broadsword Dataserver Configuration:
-----

Enter SYBASE Username: [sybase]:
Enter SYBASE Home Directory Path [/opt/SYBASE]:
Enter SYBASE Dataserver Name to CREATE for Broadsword [BSWD_OPHELIA_SVR]:
Enter SYBASE Dataserver Port Number to use for Broadsword: [2501]:
Enter SYBASE Dataserver Master Device path []: /dev/rdisk/c0t1d0s3
Enter SYBASE Dataserver Sysprocs Device path []: /dev/rdisk/c0t1d0s4
Create a new SYBASE Backup Server? []: y
Enter SYBASE Backup Server Port # [2650]: []
```

```
Ophelia
PROJECT BROADSWORD VERSION 1.0 INSTALLATION SCRIPT:

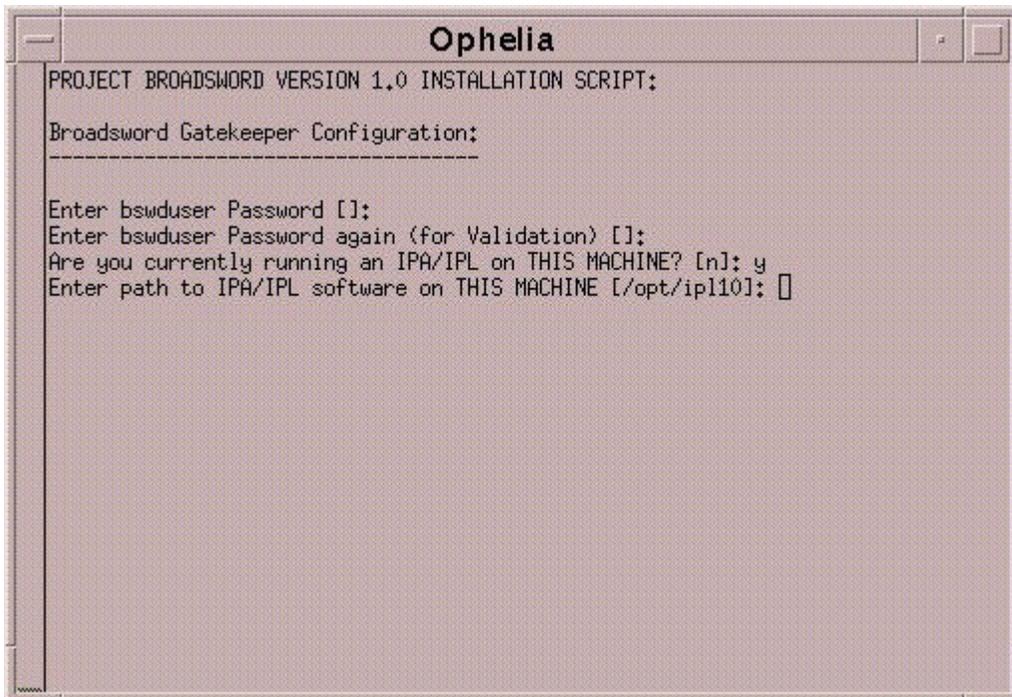
Broadsword TempDevice Configuration:
-----

Enter Broadsword TempDevice path []: /dev/rdisk/c0t1d0s5
Enter Broadsword TempDevice size (mb) [100]: []
```



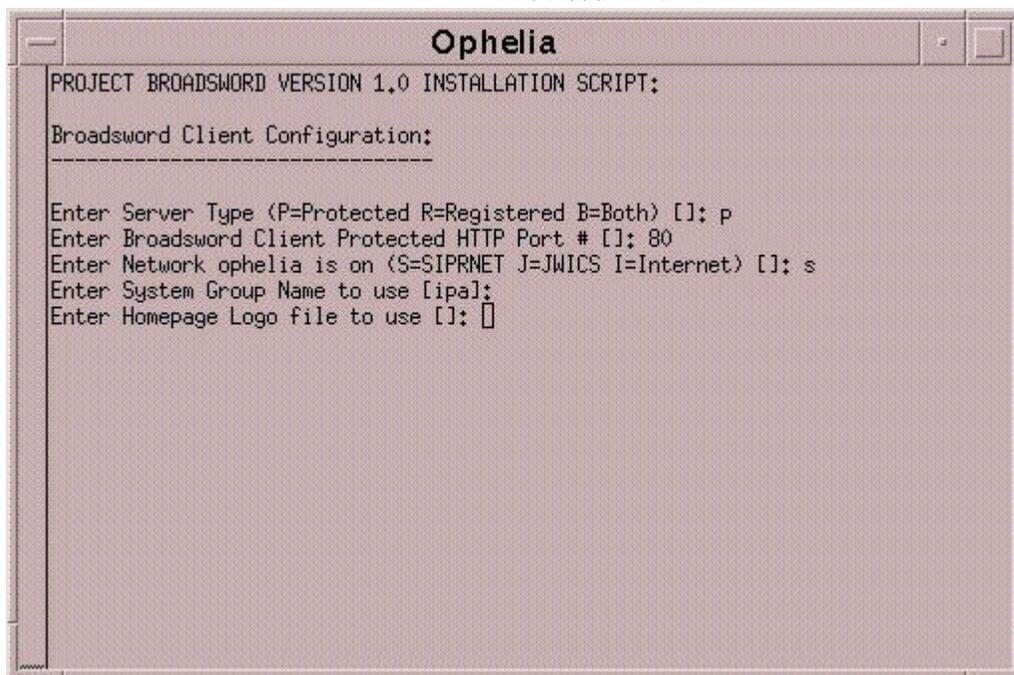
A screenshot of a terminal window titled "Ophelia". The window displays the "PROJECT BROADSWORD VERSION 1.0 INSTALLATION SCRIPT:" followed by a section for "Browsword Database Configuration:". Below this, there are four lines of prompts for configuration: "Enter Browsword Data Device Path []: /dev/rdisk/c0t1d0s7", "Enter Browsword Data Device Size (mb) [500]:", "Enter Browsword Log Device Path []: /dev/rdisk/c0t1d0s6", and "Enter Browsword Log Device Size (mb) [100]:".

```
Ophelia
PROJECT BROADSWORD VERSION 1.0 INSTALLATION SCRIPT:
Browsword Database Configuration:
-----
Enter Browsword Data Device Path []: /dev/rdisk/c0t1d0s7
Enter Browsword Data Device Size (mb) [500]:
Enter Browsword Log Device Path []: /dev/rdisk/c0t1d0s6
Enter Browsword Log Device Size (mb) [100]:
```



A screenshot of a terminal window titled "Ophelia". The window displays the "PROJECT BROADSWORD VERSION 1.0 INSTALLATION SCRIPT:" followed by a section for "Browsword Gatekeeper Configuration:". Below this, there are four lines of prompts: "Enter bswduser Password []:", "Enter bswduser Password again (for Validation) []:", "Are you currently running an IPA/IPL on THIS MACHINE? [n]: y", and "Enter path to IPA/IPL software on THIS MACHINE [/opt/ip110]:".

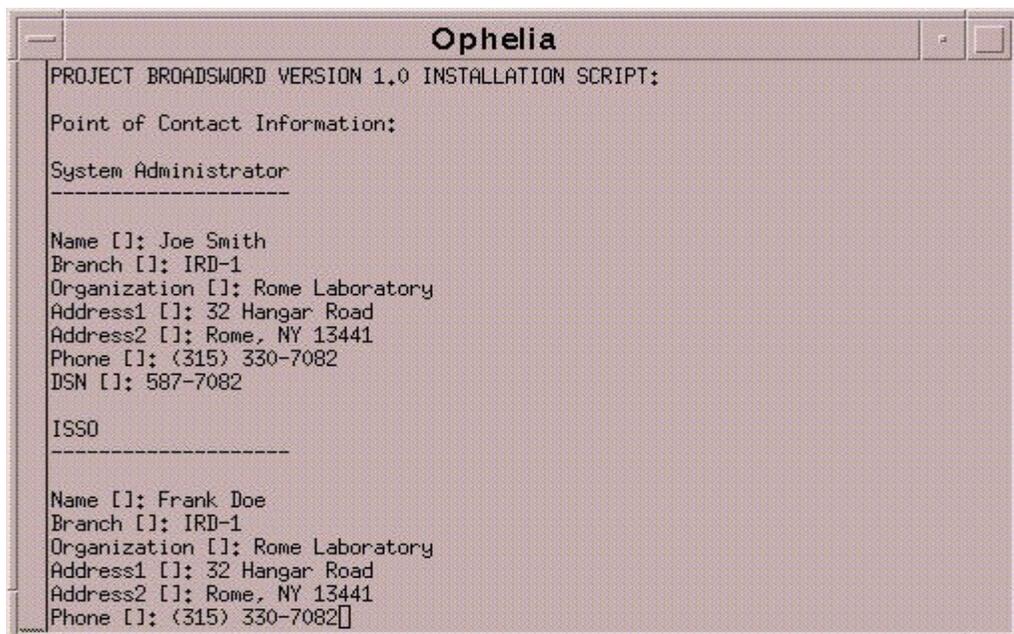
```
Ophelia
PROJECT BROADSWORD VERSION 1.0 INSTALLATION SCRIPT:
Browsword Gatekeeper Configuration:
-----
Enter bswduser Password []:
Enter bswduser Password again (for Validation) []:
Are you currently running an IPA/IPL on THIS MACHINE? [n]: y
Enter path to IPA/IPL software on THIS MACHINE [/opt/ip110]:
```



```
Ophelia
PROJECT BROADSWORD VERSION 1.0 INSTALLATION SCRIPT:

Browsword Client Configuration:
-----

Enter Server Type (P=Protected R=Registered B=Both) []: p
Enter Browsword Client Protected HTTP Port # []: 80
Enter Network ophelia is on (S=SIPRNET J=JWICS I=Internet) []: s
Enter System Group Name to use [ipa]:
Enter Homepage Logo file to use []: 
```



```
Ophelia
PROJECT BROADSWORD VERSION 1.0 INSTALLATION SCRIPT:

Point of Contact Information:

System Administrator
-----

Name []: Joe Smith
Branch []: IRD-1
Organization []: Rome Laboratory
Address1 []: 32 Hangar Road
Address2 []: Rome, NY 13441
Phone []: (315) 330-7082
DSN []: 587-7082

ISSO
-----

Name []: Frank Doe
Branch []: IRD-1
Organization []: Rome Laboratory
Address1 []: 32 Hangar Road
Address2 []: Rome, NY 13441
Phone []: (315) 330-7082
```

2.4 Confirming Installation Choices

This screen displays the information you entered during the installation, and prompts you to go back and change it if any items are incorrect. If everything looks right, press Enter and the script will attempt to perform the Broadsword configuration. **(NOTE: this is only an example – your situation may differ):**

```

Ophelia
PROJECT BROADSWORD VERSION 1.0 INSTALLATION SCRIPT:

Broadsword software will be setup to operate with these settings:

SYBASE User Name:                sybase
SYBASE Home Directory:           /opt/SYBASE
SYBASE Dataserver Name:         BSWD_OPHELIA_SVR
SYBASE Dataserver Port:         2501
SYBASE Dataserver Master Path:  /dev/rdisk/c0t1d0s3
SYBASE Dataserver Sysprocs Path: /dev/rdisk/c0t1d0s4
SYBASE Backup Server Port:      2650
Broadsword TempDevice Path:     /dev/rdisk/c0t1d0s5
Broadsword TempDevice Size:     100 mb
Broadsword Data Device Path:    /dev/rdisk/c0t1d0s7
Broadsword Data Device Size:    500 mb
Broadsword Log Device Path:     /dev/rdisk/c0t1d0s6
Broadsword Log Device Size:     100 mb
IPA/IPL Path:                   /opt/ipl10
Client Protected HTTP Port #:   80
Network:                        Secret
Group Name:                     ipa
Logo File:                      None

Is this correct (y/n)? [n]: 

```

2.5 Installation Progress

During the installation process, the program will report its progress, and notify the installer when installation is complete. More detailed and technical information is written to a log file: `/opt/bswd1.0/logs/install.log`. In the event of a problem, this log can be helpful in diagnosing and repairing any problems that may arise during the installation. **(NOTE: this is only an example – your situation may differ):**

```

Ophelia
PROJECT BROADSWORD VERSION 1.0 INSTALLATION SCRIPT:

Creating Broadsword Dataserver...please wait...
Creating Broadsword Backup Server...please wait...
Building Broadsword database...please wait...
Loading Broadsword Database Schema...please wait...

Configuring Broadsword Server...
Configuring Broadsword Client...
Starting HTTP Daemon(s)...
Starting Server Daemons...
Cleaning up...

The Broadsword installation is now complete. You may want to review
the log file /opt/bswd1.0/logs/install.log, to check for any
problems. Otherwise, you can refer to the Broadsword Installation
Guide (Chapter 3) to add Broadsword source(s). After source(s) have
been added, you can point your web browser (must be HTML v3.2+ compliant)
to the Broadsword URL(s) to use the system. These URL(s) are:

http://ophelia:80 (Protected)

# 

```

2.6 Installation Verification

To verify the installation has completed correctly, the following procedure may be followed:

```
cd /opt/bswd1.0/scripts  
./whoserver
```

If all processes are shown to be running, the installation most likely has succeeded. However, the log file `/opt/bswd1.0/logs/install.log` should be checked for any obvious problems during the installation. Further verification will be performed in the next section.

2.7 Where to go From Here?

The Broadsword installation is now complete. You may want to review the log file mentioned above, to check for any problems. If the log file doesn't point out any obvious problems, the next step is to refer to Chapter 3 of this Guide to configure sources (IPL, MIDB, etc.). After your sources have been configured properly, you can point your web browser (must be HTML v3.2+ compliant) to the Broadsword URL displayed by the installation script to use the system. To complete the verification process, the procedure in Appendix C should be performed on each source configured.

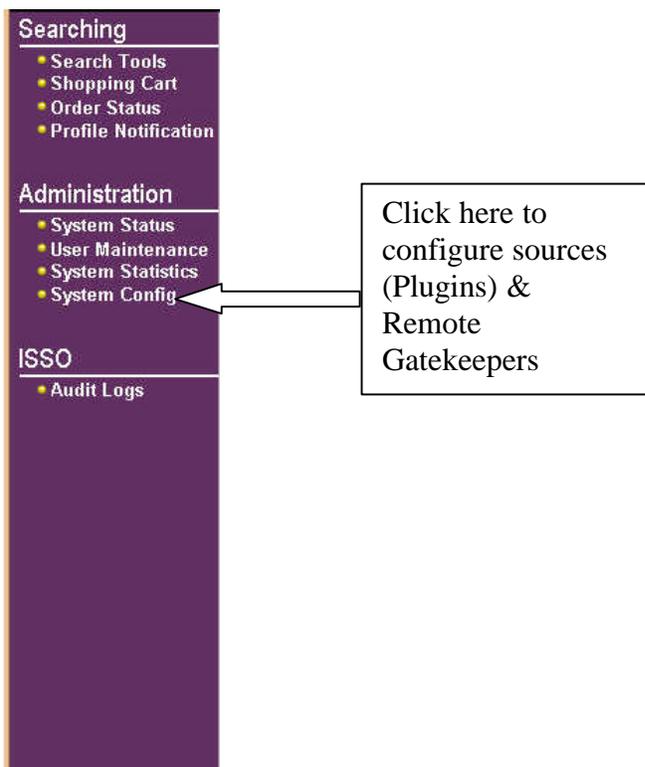
3. SYSTEM ADMINISTRATION

The Topics in this chapter include:

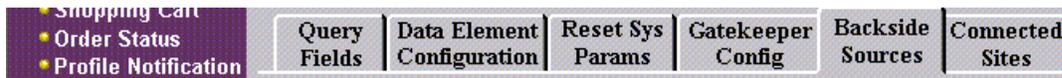
- Configuring Broadword Sources (plugins)
- Configuring Remote Gatekeepers
- Maintaining Broadword Server processes
- Maintaining Broadword Client processes

3.1 Configuring Broadword Sources (plugins)

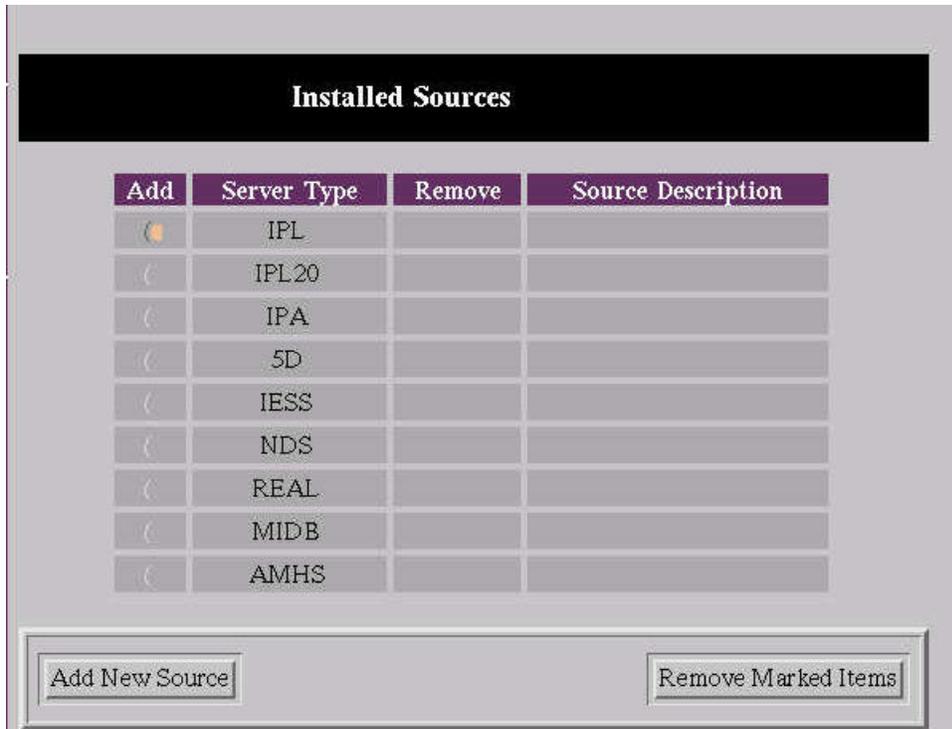
The following **sample** screens, available after installation, allows someone with System Administration privileges to add, update and remove Broadword sources, such as IPL, MIDB, etc. After the initial installation, there will be no sources configured; these screens must be accessed to add sources before the Broadword Interface can be used. There are worksheets in Appendix A of this Guide to record information needed to configure each source type, and example completed worksheets in Appendix B. Begin by starting your HTML v3.2+ compliant web browser (such as Netscape®). Open the URL displayed by the Broadword installation script. After logging in to the Interface as a user with System Administration privileges (initially only bswduser), click the *System Config* option under the *Administration* Menu, as shown below:



Click the *Backside Sources* tab to configure sources:



The 1st page below will appear. To add a source, select the desired *Server Type* button in the Add column, and click the *Add New Source* button in the bottom bar. The system will display a list of fields that must be filled to configure that source (see 2nd figure below). After submitting a valid source configuration, this new source will be added to the list of installed sources. You can configure multiple sources per type.



To change an existing source configuration, click on the *Source Description* for the one you wish to update. The system will display the same list of fields used to initially add that source, along with the current configuration. The fields may be edited and resubmitted.

To remove an existing source, check the appropriate box(es) in the *Remove* column immediately to the left of the *Source Description*. Then click the *Remove Marked Items* button in the bottom bar.

IMPORTANT: After adding sources, the Broadword Server Processes must be stopped and restarted (see Section 3.3).

Note: If the installation script is rerun for any reason, the sources configured via these screens will be preserved. However, this is only effective if the /opt/bswd1.0 directory tree is not removed prior to reinstallation.

Add New IPL Source
Help

Configuration Item	Value	Item Description
IPL Description	<input type="text" value="IPL at Atlas Via Jul"/>	This field describes the IPL. This will appear in the preferences section of the client.
IPL Host IP Address	<input type="text" value="insert IP Address here"/>	This field specifies the IP address the ipl_plugin will use to connect to the IPL "pcr" process.
IPL TCP/IP Port	<input type="text" value="5004"/>	This is the TCP/IP port that the ipl_plugin will use to connect to the IPL "pcr" process.
IPL Site Name	<input type="text" value="atlas"/>	This is the site name of the IPL to query. This should match the IPL Site Name as configured in the IPL download file.
IPL Host IP Address	<input type="text" value="insert IP Address here"/>	This is the IP address of the IPL to query. This should match the IPL IP Address as configured in the IPL download file.
Harvest TCP/IP port	<input type="text" value="8501"/>	This is the TCP/IP port that the Harvest daemon is using.
IPL Account	<input type="text" value="iplamngr"/>	This is the IPL account Broadsword uses to connect to IPL.
IPL Password	<input type="password" value="*****"/>	This is the IPL password Broadsword uses to connect to IPL.
Initial Access Control:	<input type="radio"/> Deny All <input checked="" type="radio"/> Allow All	This denotes whether to allow or deny all users access to this source. Fine tune individual allow/deny access in User Maintenance

Installed Sources

Add	Server Type	Remove	Source Description
<input checked="" type="radio"/>	IPL	<input type="checkbox"/>	IPL at Atlas Via Juliet
<input type="radio"/>	IPL20		
<input type="radio"/>	IPA		
<input type="radio"/>	5D		
<input type="radio"/>	IESS		
<input type="radio"/>	NDS		
<input type="radio"/>	REAL		
<input type="radio"/>	MIDB		
<input type="radio"/>	AMHS		

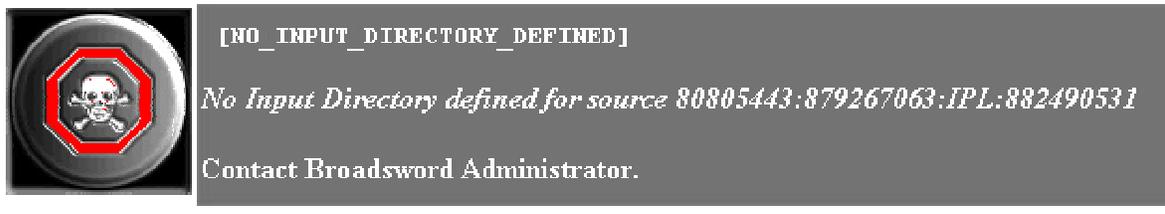
Add New Source

Remove Marked Items

3.2 Setting Auto Input Directory Names

The Broadsword Administrator may edit the Auto Input Directory Names for the connected IPL servers by using the Reset Sys Params Page under System Config on the Navigation Bar. The Auto Input Directory Name is a complete UNIX path name of the IPL's Auto Input Directory. This name may be obtained from the IPL Manager for a given IPL.

If the Auto Input Directory Name is not given for an IPL, users will not be able to catalog new products into that IPL using the Broadsword Interface. Any user trying to catalog to an IPL without the Auto Input Directory set will receive an error message shown below.



3.3 Configuring Remote Gatekeepers

1. Create a standard UNIX account on the **remote** system which the local gatekeeper can use to communicate with the remote gatekeeper. Use whichever utility program you normally use to create user accounts. For example, if the local system is called *moon*, and the remote gatekeeper system is called *stars*, you could create an account called *moon2stars* on the remote system. Set a password for the account; you will use it in step 3 below. **NOTE:** The account created must be local to the machine (in a local map), not a NIS or NIS+ account.
2. Copy the remote gatekeeper's *local.gkpr.conf* file to the local system:
On **LOCAL** system (as user **root**):

```
cd /opt/bswd1.0/etc <cr>
/usr/ucb/ftp stars <cr>
Name: root <cr>
331 Password required for root.
Password: <Root Passwd> <cr>
230 User root logged in.
ftp> cd /opt/bswd1.0/etc <cr>
250 CWD command successful.
ftp> binary <cr>
200 Type set to I.
ftp> get local.gkpr.conf remote.temp <cr>
ftp> quit <cr>
```

3. Join together your existing *remote.gkpr.conf* to the file just copied in step 2 above. For example:

On **LOCAL** system:

```
/bin/cat remote.gkpr.conf remote.temp > remote2 <cr>
```

```
/bin/mv remote2 remote.gkpr.conf <cr>
```

```
/bin/rm remote.temp <cr>
```

4. Using a text editor, edit the *remote.gkpr.conf* file just created in step 3 above. For example:

On **LOCAL** system (as user **root**):

```
cd /opt/bswd1.0/etc <cr>
```

```
/usr/ucb/vi remote.gkpr.conf <cr>
```

After line like: "GkprIpcPort=5500",

Edit the following lines, adding the account names after the = signs:

```
GkprLoginTo=moon2stars <cr>
```

```
GkprLoginFrom=stars2moon <cr>
```

Save and exit the editor (with vi, type <Esc>:wq)

5. Get the Reference number for the remote gatekeeper. For example:

On **LOCAL** system (as user **root**):

```
cd /opt/bswd1.0/etc
```

```
/bin/grep GkprRef remote.gkpr.conf <cr>
```

Sample output from above command:

```
GkprRef=67b294ac:879889128
```

This GkprRef number will be used in the following step. If multiple lines are returned, use the last one.

6. Using a text editor, edit the *private.conf* file. For example:

On **LOCAL** system (as user **root**):

```
cd /opt/bswd1.0/etc <cr>  
/usr/ucb/vi private.conf <cr>
```

Go to the very bottom of the file (with vi, type <shift>G)

Open a new line (with vi, type o)

Type the following entries:

```
RcdName=GkprRcd
```

```
GkprRef=(enter exact GkprRef number determined in step 5 above)
```

```
GkprPasswordTo=(enter moon2stars password from step 1 above)
```

```
EndRcd=GkprRcd
```

Save and exit the editor (with vi, type <Esc>:wq)

7. Log in to the **REMOTE** system. For example:

On **LOCAL** system:

```
telnet stars <cr>
```

(login as *moon2stars* with the password set in step 1 above to verify account is created properly)

Should be on **REMOTE** system now. Type the following:

```
su - root <cr>
```

(type root password) <cr>

```
/opt/bswd1.0/skey/keyinit moon2stars <cr>
```

(Note: Ignore reminder message shown)

(Enter password set for *moon2stars* account (it will ask twice), and press <cr>)

8. Steps 1-7 above must be repeated, reversing the local/remote machines (i.e. local becomes *stars* and remote becomes *moon*).

To cause the clear text passwords entered above (step 6) to be encrypted, enter the *Backside Sources* section as described in **Configuring Broadword Sources** above, click one of the existing source descriptions, and simply resave it without making any changes. This will automatically encrypt any passwords in the Broadword configuration files.

The local gatekeeper should now be able to communicate with the remote gatekeeper; and all the remote's sources should be available to users connecting to the local gatekeeper. The reverse of this should also be true (i.e. there will be bidirectional communication between the 2 gatekeepers).

3.4 Maintaining Broadword Server processes

1. To **startup** the Broadword Server processes, do the following:
cd /opt/bswd1.0/scripts
./startserver
 and press <cr> to take the defaults to startup all server processes.
2. To **stop** the Broadword Server processes, do the following:
cd /opt/bswd1.0/scripts
./stopserver
 and press <cr> to take the defaults to stop all server processes.
3. To **check** the Broadword Server processes, do the following:
cd /opt/bswd1.0/scripts
./whoserver

3.5 Maintaining Broadword Client processes

1. To **startup** the Broadword Client processes, do the following:
cd /opt/bswd1.0/client/bin
./start.httpd P (and/or “./start.httpd R” for Registered Server)
2. To **stop** the Broadword Client processes, do the following:
cd /opt/bswd1.0/client/bin
./stop.httpd P (and/or “./stop.httpd R” for Registered Server)
3. To **check** the Broadword Client processes, do the following:
cd /opt/bswd1.0/client/bin
./check.httpd

3.6 Changing Sybase Dataserver Administrator (sa) Password

```

su - sybase <cr>
/bin/csh <cr>
setenv SYBASE <Bswd Sybase Home Dir> <cr>
setenv DSQUERY <Bswd Sybase Server Name> <cr>
${SYBASE}/bin/isql -Usa -P<Sybase sa Passwd> -y${SYBASE}<cr>
1> sp_password “<current password>”, “<new password>”
2> go <cr>
Password correctly set.
(return status = 0)
1> quit <cr>

```

If the Sybase “sa” password is NULL (immediately after Broadword installation), then replace the `sp_password` command above with the following:

```
sp_password null, “<new password>” <cr>
```

3.7 Configuring TCP Wrappers

TCP wrappers on the workstation can cause difficulty in pulling products. There are two different ways to pull products: “Pull to view” and “Pull to destination.” It is important to understand how these two different methods work. “Pull to view” will pull the product to the Broadword server and display it to the user via the browser. “Pull to destination,” when a valid choice for the source selected, will cause the Broadword server to ftp the product to a destination computer specified by the user. For both methods, connected backside IPL, 5D, IDEX and NDS sources must be able to ftp to the Broadword server. For the “Pull to destination” method, the Broadword server must be able to ftp to the workstation or other system specified by the user.

3.7.1 Configuring TCP Wrappers – Backside Sources (both methods)

If you are running CSE 1.3 or 1.4 on the Broadword server, see the “Network Management” section of the “Trusted User Training” manual for a description of how to configure TCP/IP wrappers to allow the IPL, IDEX and NDS servers to ftp to the Broadword server.

If you are running UNIX with TCP wrappers on the Broadword server but are not running CSE, be sure that the `/etc/hosts.allow` file is configured to allow ftp access from the IPL, IDEX and NDS servers. For example, the following line should appear in `/etc/hosts.allow` on the Broadword server (if the IP address of the IPL, IDEX or 5D server is 123.123.123.123):

```
in.ftpd: 123.123.123.123
```

It is okay to replace “in.ftpd” with “ALL” if you want to allow all the IPL, IDEX or 5D server to use all inetd services on the Broadword server. Review your `tcpd` manual page for more information.

3.7.2 Configuring TCP Wrappers – Pull to Destination

If you are running CSE 1.3 or 1.4 on the destination workstation, see the “Network Management” section of the “Trusted User Training” manual for a description of how to configure TCP/IP wrappers to allow the Broadsword server to ftp to the destination workstation.

If you are running UNIX with TCP wrappers on the workstation but are not running CSE, be sure that the /etc/hosts.allow file is configured to allow ftp access from the Broadsword server. For example, on a Solaris workstation, the following line should appear in /etc/hosts.allow (if the IP address of the IPL or 5D server is 123.123.123.123):

in.ftpd: 123.123.123.123

It is okay to replace “in.ftpd” with “ALL” if you want to allow all the IPL or 5D server to use all inetd services. Review your tcpd manual page for more information.

If you are trying to pull to a Windows NT workstation, be sure that it is configured to allow the IPL or 5D server to ftp to it.

APPENDIX A – BLANK SOURCE WORKSHEETS

Add New IPL Source Help		
Configuration Item	Value	Item Description
IPL Description	<input type="text" value="IPL 1.0 Source"/>	This field describes the IPL. This will appear in the preferences section of the client.
IPL Host IP Address	<input type="text"/>	This field specifies the IP address the ipl_plugin will use to connect to the IPL "pcr" process.
IPL TCP/IP Port	<input type="text" value="5004"/>	This is the TCP/IP port that the ipl_plugin will use to connect to the IPL "pcr" process.
IPL Site Name	<input type="text"/>	This is the site name of the IPL to query. This should match the IPL Site Name as configured in the IPL download file.
IPL Host IP Address	<input type="text"/>	This is the IP address of the IPL to query. This should match the IPL IP Address as configured in the IPL download file.
Harvest TCP/IP port	<input type="text" value="8501"/>	This is the TCP/IP port that the Harvest daemon is using.
IPL Account	<input type="text" value="ipamngr"/>	This is the IPL account Broadword uses to connect to IPL.
IPL Password	<input type="text"/>	This is the IPL password Broadword uses to connect to IPL.
Initial Access Control:	<input checked="" type="radio"/> Deny All <input type="radio"/> Allow All	This denotes whether to allow or deny all users access to this source. Fine tune individual allow/deny access in User Maintenance

Add New IPL20 Source Help		
Configuration Item	Value	Item Description
IPL 2.0 Description	<input type="text" value="IPL 2.0 Source"/>	This field describes the IPL 2.0. This will appear in the preferences section of the client.
IPL 2.0 Host IP Address	<input type="text"/>	This field specifies the IP address the ipl20_plugin will use to connect to the IPL "pcrprs" process.
IPL 2.0 TCP/IP Port	<input type="text" value="5004"/>	This is the TCP/IP port that the ipl20_plugin will use to connect to the IPL "pcrprs" process.
IPL 2.0 Site Name	<input type="text"/>	This is the site name of the IPL to query. This should match the IPL Site Name as configured in the IPL download file.
IPL Host IP Address	<input type="text"/>	This is the IP address of the IPL to query. This should match the IPL IP Address as configured in the IPL download file.
Harvest TCP/IP port	<input type="text" value="8501"/>	This is the TCP/IP port that the Harvest daemon is using.
IPL Account	<input type="text" value="ipamngr"/>	This is the IPL account Broadword uses to connect to IPL.
IPL Password	<input type="password"/>	This is the IPL password Broadword uses to connect to IPL.
Initial Access Control:	<input checked="" type="radio"/> Deny All <input type="radio"/> Allow All	This denotes whether to allow or deny all users access to this source. Fine tune individual allow/deny access in User Maintenance

Add New IPA Source Help		
Configuration Item	Value	Item Description
IPA Description	<input type="text" value="IPA Source"/>	This field describes the IPA. This will appear in the preferences section of the client.
IPA Host IP Address	<input type="text"/>	This field specifies the IP address the ipl_plugin will use to connect to the IPA "pcr" process.
IPA TCP/IP Port	<input type="text" value="5004"/>	This is the TCP/IP port that the ipl_plugin will use to connect to the IPA "pcr" process.
IPA Site Name	<input type="text"/>	This is the site name of the IPA to query. This should match the IPA Site Name as configured in the IPA download file.
IPA Host IP Address	<input type="text"/>	This is the IP address of the IPA to query. This should match the IPA IP Address as configured in the IPA download file.
IPA Account	<input type="text" value="ipamngr"/>	This is the IPA account Broadword uses to connect to IPA.
IPA Password	<input type="password"/>	This is the IPA password Broadword uses to connect to IPA.
Initial Access Control:	<input checked="" type="radio"/> Deny All <input type="radio"/> Allow All	This denotes whether to allow or deny all users access to this source. Fine tune individual allow/deny access in User Maintenance

Add New 5D Source Help		
Configuration Item	Value	Item Description
5D Description	<input type="text" value="5D Source"/>	This field describes the 5D. This will appear in the preferences section of the client.
Query Plugin Name	<input type="text" value="5d_plugin"/>	This field specifies the plugin to route the query to. Possible values are 5d_plugin or ipl20_plugin.
Request Plugin Name	<input type="text" value="5d_plugin"/>	This field specifies the plugin to route the product request to. Possible values are 5d_plugin or ipl20_plugin.
5D Sybase Name	<input type="text" value="SYBASE"/>	This field specifies the name of the SYBASE server the 5d_plugin will use to Connect to the 5D database.
5D Sybase IP Address	<input type="text"/>	This field specifies the IP Address of the SYBASE server the 5d_plugin will use to Connect to the 5D database.
5D Sybase Port	<input type="text" value="2025"/>	This field specifies the port of the SYBASE server the 5d_plugin will use to Connect to the 5D database.
5D Database Name	<input type="text" value="FIVED_DB"/>	This field specifies the name of the SYBASE Database the 5d_plugin will use to Connect to the 5D database.
5D Database Login	<input type="text"/>	This field specifies the database login the 5d_plugin will use to Login to the 5D database.
IPL Host IP Address	<input type="text"/>	This field specifies the IP address the ipl20_plugin will use to connect to the IPL "pcr" process.
IPL TCP/IP Port	<input type="text" value="5004"/>	This is the TCP/IP port that the ipl20_plugin will use to connect to the IPL "pcr" process.
IPL Site Name	<input type="text"/>	This is the site name of the IPL the ipl20_plugin will use to query. This should match what is in the IPL download file.
IPL Host IP Address	<input type="text"/>	This is the IP address of the IPL the ipl20_plugin will use to query. This should match what is in the IPL download file.
IPL Account	<input type="text" value="ipamngr"/>	This is the IPL account the ipl20_plugin uses to connect to IPL.
IPL Password	<input type="text"/>	This field specifies the password the ipl20_plugin will use to Login to IPL.
5D Database Password	<input type="text"/>	This field specifies the database password the 5d_plugin will use to Login to the 5D database.
Initial Access Control:	<input checked="" type="radio"/> Deny All <input type="radio"/> Allow All	This denotes whether to allow or deny all users access to this source. Fine tune individual allow/deny access in User Maintenance

Add New IESS Source		
Configuration Item	Value	Item Description
IESS Description	<input type="text" value="IESS Source"/>	This field describes the IESS. This will appear in the preferences section of the client.
Query Plugin Name	<input type="text" value="iess_plugin"/>	This field specifies the plugin to route the query to. Possible values are iess_plugin, ipl_plugin or ipl20_plugin.
Request Plugin Name	<input type="text" value="iess_plugin"/>	This field specifies the plugin to route the product request to. Possible values are iess_plugin, ipl_plugin or ipl20_plugin.
IPL Version	<input type="text" value="VIPL1.0-1"/>	This is the version of the IPL. This is used by the ipl plugins to connect to the IPL. The version for IPL1.0 is VIPL1.0. The version for IPL2.0 is VIPL1.0-1
Exploitation Database Name	<input type="text" value="Exploitation"/>	This field describes the name of the IESS Exploitation Database. This is used by the iess_plugin to perform a query.
Exploitation Sybase Name	<input type="text"/>	This field describes the name of the Sybase Server which the iess_plugin will use to access the Exploitation database.
Exploitation Sybase IP Address	<input type="text"/>	This field describes the IP Address of the Sybase Server which the iess_plugin will use to access the Exploitation database.
Exploitation Sybase Port	<input type="text"/>	This field describes the port of the Sybase Server which the iess_plugin will use to access the Exploitation database.
Imagery_Coverage Database Name	<input type="text" value="Imagery_Coverage"/>	This field describes the name of the IESS Imagery_Coverage Database. This is used by the iess_plugin to perform a query.
Imagery_Coverage Sybase Name	<input type="text"/>	This field describes the name of the Sybase Server which the iess_plugin will use to access the Imagery_Coverage database.
Imagery_Coverage Sybase IP Address	<input type="text"/>	This field describes the Ip Address of the Sybase Server which the iess_plugin will use to access the Imagery_Coverage database.
Imagery_Coverage Sybase Port	<input type="text"/>	This field describes the port of the Sybase Server which the iess_plugin will use to access the Imagery_Coverage database.
Message Database Name	<input type="text" value="Message"/>	This field describes the name of the IESS Message Database. This is used by the iess_plugin to perform a IDEX request.
Message Sybase Name	<input type="text"/>	This field describes the name of the Sybase Server which the iess_plugin will use to access the Message database.
Message Sybase IP Address	<input type="text"/>	This field describes the Ip Address of the Sybase Server which the iess_plugin will use to access the Message database.

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Message Sybase Port	<input type="text"/>	This field describes the port of the Sybase Server which the iess_plugin will use to access the Message database.
IDEX Present	<input type="checkbox"/> Y <input type="checkbox"/>	The field specifies if this IESS site has an co-located IDEX. Values are Y or N. This is used by the iess_plugin.
IESS URL	<input type="text" value="http://iess0:80"/>	This field describes the URL for the IESS Web Server. This is used by the iess_plugin to create reports.
IESS Sybase Login	<input type="text"/>	This field specifies the database login the iess_plugin will use to Login to the IESS databases.
IPL Host IP Address	<input type="text"/>	This field specifies the IP address the ipl plugins will use to connect to the IPL "pcr" process.
IPL TCP/IP Port	<input type="text" value="5004"/>	This is the TCP/IP port that the ipl plugins will use to connect to the IPL "pcr" process.
IPL Site Name	<input type="text"/>	This is the site name of the IPL the ipl plugins will use to query. This should match what is in the IPL download file.
IPL Host IP Address	<input type="text"/>	This is the IP address of the IPL the ipl plugins will use to query. This should match what is in the IPL download file.
IPL Account	<input type="text" value="ipamngr"/>	This is the IPL account the ipl plugins use to connect to IPL.
IPL Password	<input type="text"/>	This field specifies the password the ipl plugins will use to Login to IPL.
IESS Database Password	<input type="text"/>	This field specifies the database password the iess_plugin will use to Login to the IESS database.
Initial Access Control:	<input checked="" type="radio"/> Deny All <input type="radio"/> Allow All	This denotes whether to allow or deny all users access to this source. Fine tune individual allow/deny access in User Maintenance

Add New NDS Source Help		
Configuration Item	Value	Item Description
NDS Description	<input type="text" value="NDS Source"/>	This field describes the NDS. This will appear in the preferences section of the client.
Query Plugin Name	<input type="text" value="ipl_plugin"/>	This field specifies the plugin to route the query to. Possible values are ipl_plugin or ipl20_plugin.
Request Plugin Name	<input type="text" value="ipl_plugin"/>	This field specifies the plugin to route the product request to. Possible values are ipl_plugin or ipl20_plugin.
IPL Version	<input type="text" value="VIPL1.0-1"/>	This is the version of the IPL. This is used by the ipl plugins to connect to the IPL. The version for IPL1.0 is VIPL1.0. The version for IPL2.0 is VIPL1.0-1
IPL Host IP Address	<input type="text"/>	This field specifies the IP address the ipl_plugin will use to connect to the IPL "pcr" process.
IPL TCP/IP Port	<input type="text" value="5004"/>	This is the TCP/IP port that the ipl_plugin will use to connect to the IPL "pcr" process.
IPL Site Name	<input type="text"/>	This is the site name of the IPL to query. This should match the IPL Site Name as configured in the IPL download file.
IPL Host IP Address	<input type="text"/>	This is the IP address of the IPL to query. This should match the IPL IP Address as configured in the IPL download file.
IPL Account	<input type="text" value="ipamngr"/>	This is the IPL account Broadword uses to connect to IPL.
IPL Password	<input type="text"/>	This is the IPL password Broadword uses to connect to IPL.
Initial Access Control:	<input checked="" type="radio"/> Deny All <input type="radio"/> Allow All	This denotes whether to allow or deny all users access to this source. Fine tune individual allow/deny access in User Maintenance

Add New MIDB Source Help		
Configuration Item	Value	Item Description
MIDB Description	MIDB Source	This field describes the MIDB. This will appear in the preferences section of the client.
MIDB Database Name	GMI	This field specifies the name of the database the midb_plugin will query.
MIDB Sybase Name		This field specifies the name of the SYBASE server the midb_plugin will use to Connect to the MIDB database.
MIDB Sybase IP Address		This field specifies the IP Address of the SYBASE server the midb_plugin will use to Connect to the MIDB database.
MIDB Sybase Port		This field specifies the port of the SYBASE server the midb_plugin will use to Connect to the MIDB database.
MIDB Database Login	midbuser	This field specifies the database login the midb_plugin will use to Login to the MIDB database.
MIDB Database Password		This field specifies the database password the midb_plugin will use to Login to the MIDB database.
Initial Access Control:	<input checked="" type="radio"/> Deny All <input type="radio"/> Allow All	This denotes whether to allow or deny all users access to this source. Fine tune individual allow/deny access in User Maintenance

Add New AMHS Source Help		
Configuration Item	Value	Item Description
AMHS Description	<input type="text" value="AMHS Source"/>	This field describes the AMHS. This will appear in the preferences section of the client.
AMHS URL	<input type="text" value="http://hostname:80"/>	This field describes the URL for the AMHS Web Server.
AMHS Password	<input type="password"/>	This is the AMHS password Broadsword uses to connect to AMHS for a particular user.
Initial Access Control:	<input checked="" type="radio"/> Deny All <input type="radio"/> Allow All	This denotes whether to allow or deny all users access to this source. Fine tune individual allow/deny access in User Maintenance

APPENDIX B – EXAMPLE SOURCE WORKSHEETS

Edit BSWD 1.0 IPL at sun Via Neptune Source Help		
Configuration Item	Value	Item Description
IPL Description	B SWD 1.0 IPL at sun	This field describes the IPL. This will appear in the preferences section of the client.
IPL Host IP Address	<Insert IP Address>	This field specifies the IP address the ipl_plugin will use to connect to the IPL "pcr" process.
IPL TCP/IP Port	5004	This is the TCP/IP port that the ipl_plugin will use to connect to the IPL "pcr" process.
IPL Site Name	sun	This is the site name of the IPL to query. This should match the IPL Site Name as configured in the IPL download file.
IPL Host IP Address	<Insert IP Address>	This is the IP address of the IPL to query. This should match the IPL IP Address as configured in the IPL download file.
Harvest TCP/IP port	8501	This is the TCP/IP port that the Harvest daemon is using.
IPL Account	tester	This is the IPL account Broadsword uses to connect to IPL.
IPL Password	*****	This is the IPL password Broadsword uses to connect to IPL.

Edit BSWD 1.0 IPL2.0 at sun Via Neptune Source Help		
Configuration Item	Value	Item Description
IPL 2.0 Description	B SWD 1.0 IPL2.0 at s	This field describes the IPL 2.0. This will appear in the preferences section of the client.
IPL 2.0 Host IP Address	<Insert IP Address>	This field specifies the IP address the ipl20_plugin will use to connect to the IPL "pcrpers" process.
IPL 2.0 TCP/IP Port	5070	This is the TCP/IP port that the ipl20_plugin will use to connect to the IPL "pcrpers" process.
IPL 2.0 Site Name	sun	This is the site name of the IPL to query. This should match the IPL Site Name as configured in the IPL download file.
IPL Host IP Address	<Insert IP Address>	This is the IP address of the IPL to query. This should match the IPL IP Address as configured in the IPL download file.
Harvest TCP/IP port	8501	This is the TCP/IP port that the Harvest daemon is using.
IPL Account	ipamngr	This is the IPL account Broadsword uses to connect to IPL.
IPL Password	*****	This is the IPL password Broadsword uses to connect to IPL.

Edit BSWD 1.0 IPA at Moon Via Neptune Source Help		
Configuration Item	Value	Item Description
IPA Description	BSWD 1.0 IPA at Moon	This field describes the IPA. This will appear in the preferences section of the client.
IPA Host IP Address	<Insert IP Address>	This field specifies the IP address the ipl_plugin will use to connect to the IPA "pcr" process.
IPA TCP/IP Port	5004	This is the TCP/IP port that the ipl_plugin will use to connect to the IPA "pcr" process.
IPA Site Name	moon	This is the site name of the IPA to query. This should match the IPA Site Name as configured in the IPA download file.
IPA Host IP Address	<Insert IP Address>	This is the IP address of the IPA to query. This should match the IPA IP Address as configured in the IPA download file.
IPA Account	ipamngr	This is the IPA account Broadsword uses to connect to IPA.
IPA Password	*****	This is the IPA password Broadsword uses to connect to IPA.

Edit BSWD 1.0 5D on VENUS Via Neptune Source Help		
Configuration Item	Value	Item Description
5D Description	BSWD 1.0 5D on VENUS	This field describes the 5D. This will appear in the preferences section of the client.
Query Plugin Name	5d_plugin	This field specifies the plugin to route the query to. Possible values are 5d_plugin or ipl20_plugin.
Request Plugin Name	5d_plugin	This field specifies the plugin to route the product request to. Possible values are 5d_plugin or ipl20_plugin.
5D Sybase Name	VENUS5D	This field specifies the name of the SYBASE server the 5d_plugin will use to Connect to the 5D database.
5D Sybase IP Address	<Insert IP Address>	This field specifies the IP Address of the SYBASE server the 5d_plugin will use to Connect to the 5D database.
5D Sybase Port	2025	This field specifies the port of the SYBASE server the 5d_plugin will use to Connect to the 5D database.
5D Database Name	FIVED_DB	This field specifies the name of the SYBASE Database the 5d_plugin will use to Connect to the 5D database.
5D Database Login	fived_sa	This field specifies the database login the 5d_plugin will use to Login to the 5D database.
IPL Host IP Address		This field specifies the IP address the ipl20_plugin will use to connect to the IPL "pcr" process.
IPL TCP/IP Port		This is the TCP/IP port that the ipl20_plugin will use to connect to the IPL "pcr" process.
IPL Site Name		This is the site name of the IPL the ipl20_plugin will use to query. This should match what is in the IPL download file.
IPL Host IP Address		This is the IP address of the IPL the ipl20_plugin will use to query. This should match what is in the IPL download file.
IPL Account		This is the IPL account the ipl20_plugin uses to connect to IPL.
IPL Password		This field specifies the password the ipl20_plugin will use to Login to IPL.
5D Database Password	*****	This field specifies the database password the 5d_plugin will use to Login to the 5D database.

Edit BSWD 1.0 IESS on IESS0 Via Neptune Source Help		
Configuration Item	Value	Item Description
IESS Description	BSWD 1.0 IESS on IES	This field describes the IESS. This will appear in the preferences section of the client.
Query Plugin Name	<input type="text" value="iess_plugin"/>	This field specifies the plugin to route the query to. Possible values are iess_plugin, ipl_plugin or ipl20_plugin.
Request Plugin Name	<input type="text" value="iess_plugin"/>	This field specifies the plugin to route the product request to. Possible values are iess_plugin, ipl_plugin or ipl20_plugin.
IPL Version	<input type="text" value="VIPL1.0"/>	This is the version of the IPL. This is used by the ipl plugins to connect to the IPL. The version for IPL1.0 is VIPL1.0. The version for IPL2.0 is VIPL1.0-1
Exploitation Database Name	<input type="text" value="Exploitation"/>	This field describes the name of the IESS Exploitation Database. This is used by the iess_plugin to perform a query.
Exploitation Sybase Name	<input type="text" value="IESS0"/>	This field describes the name of the Sybase Server which the iess_plugin will use to access the Exploitation database.
Exploitation Sybase IP Address	<input type="text" value="<Insert IP Address>"/>	This field describes the IP Address of the Sybase Server which the iess_plugin will use to access the Exploitation database.
Exploitation Sybase Port	<input type="text" value="2025"/>	This field describes the port of the Sybase Server which the iess_plugin will use to access the Exploitation database.
Imagery_Coverage Database Name	<input type="text" value="Imagery_Coverage"/>	This field describes the name of the IESS Imagery_Coverage Database. This is used by the iess_plugin to perform a query.
Imagery_Coverage Sybase Name	<input type="text" value="IESS0"/>	This field describes the name of the Sybase Server which the iess_plugin will use to access the Imagery_Coverage database.
Imagery_Coverage Sybase IP Address	<input type="text" value="<Insert IP Address>"/>	This field describes the Ip Address of the Sybase Server which the iess_plugin will use to access the Imagery_Coverage database.
Imagery_Coverage Sybase Port	<input type="text" value="2026"/>	This field describes the port of the Sybase Server which the iess_plugin will use to access the Imagery_Coverage database.
Message Database Name	<input type="text" value="Message"/>	This field describes the name of the IESS Message Database. This is used by the iess_plugin to perform a IDEX request.
Message Sybase Name	<input type="text" value="IO"/>	This field describes the name of the Sybase Server which the iess_plugin will use to access the Message database.
Message Sybase IP Address	<input type="text" value="<Insert IP Address>"/>	This field describes the Ip Address of the Sybase Server which the iess_plugin will use to access the Message database.
Message Sybase Port	<input type="text" value="2027"/>	This field describes the port of the Sybase Server which the iess_plugin will use to access the Message database.

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IDEX Present	<input type="checkbox" value="Y"/>	The field specifies if this IESS site has an co-located IDEX. Values are Y or N. This is used by the iess_plugin.
IESS URL	<input type="text" value="http://iess0:80"/>	This field describes the URL for the IESS Web Server. This is used by the iess_plugin to create reports.
IESS Sybase Login	<input type="text" value="root \$ IPA"/>	This field specifies the database login the iess_plugin will use to Login to the IESS databases.
IPL Host IP Address	<input type="text"/>	This field specifies the IP address the ipl plugins will use to connect to the IPL "pcr" process.
IPL TCP/IP Port	<input type="text"/>	This is the TCP/IP port that the ipl plugins will use to connect to the IPL "pcr" process.
IPL Site Name	<input type="text"/>	This is the site name of the IPL the ipl plugins will use to query. This should match what is in the IPL download file.
IPL Host IP Address	<input type="text"/>	This is the IP address of the IPL the ipl plugins will use to query. This should match what is in the IPL download file.
IPL Account	<input type="text"/>	This is the IPL account the ipl plugins use to connect to IPL.
IPL Password	<input type="text"/>	This field specifies the password the ipl plugins will use to Login to IPL.
IESS Database Password	<input type="text" value="*****"/>	This field specifies the database password the iess_plugin will use to Login to the IESS database.

Edit BSWD 1.0 NDS at Moon Via Neptune Source Help		
Configuration Item	Value	Item Description
NDS Description	BSWD 1.0 NDS at Moon	This field describes the NDS. This will appear in the preferences section of the client.
Query Plugin Name	ipl_plugin	This field specifies the plugin to route the query to. Possible values are ipl_plugin or ipl20_plugin.
Request Plugin Name	ipl_plugin	This field specifies the plugin to route the product request to. Possible values are ipl_plugin or ipl20_plugin.
IPL Version	VIPL1.0	This is the version of the IPL. This is used by the ipl plugins to connect to the IPL. The version for IPL1.0 is VIPL1.0. The version for IPL2.0 is VIPL1.0-1
IPL Host IP Address	<Insert IP Address>	This field specifies the IP address the ipl_plugin will use to connect to the IPL "pcr" process.
IPL TCP/IP Port	5004	This is the TCP/IP port that the ipl_plugin will use to connect to the IPL "pcr" process.
IPL Site Name	moon	This is the site name of the IPL to query. This should match the IPL Site Name as configured in the IPL download file.
IPL Host IP Address	<Insert IP Address>	This is the IP address of the IPL to query. This should match the IPL IP Address as configured in the IPL download file.
IPL Account	ipamngr	This is the IPL account Broadsword uses to connect to IPL.
IPL Password	*****	This is the IPL password Broadsword uses to connect to IPL.

Edit BSWD 1.0 MIDB on Hoth Via Neptune Source Help		
Configuration Item	Value	Item Description
MIDB Description	BSWD 1.0 MIDB on Hoth	This field describes the MIDB. This will appear in the preferences section of the client.
MIDB Database Name	GMI	This field specifies the name of the database the midb_plugin will query.
MIDB Sybase Name	MIDB	This field specifies the name of the SYBASE server the midb_plugin will use to Connect to the MIDB database.
MIDB Sybase IP Address	<Insert IP Address>	This field specifies the IP Address of the SYBASE server the midb_plugin will use to Connect to the MIDB database.
MIDB Sybase Port	2025	This field specifies the port of the SYBASE server the midb_plugin will use to Connect to the MIDB database.
MIDB Database Login	sa	This field specifies the database login the midb_plugin will use to Login to the MIDB database.
MIDB Database Password	*****	This field specifies the database password the midb_plugin will use to Login to the MIDB database.

Edit BSWD 1.0 AMHS on Elara Via Neptune Source Help		
Configuration Item	Value	Item Description
AMHS Description	BSWD 1.0 AMHS on Ela	This field describes the AMHS. This will appear in the preferences section of the client.
AMHS URL	http://elara:80	This field describes the URL for the AMHS Web Server.

APPENDIX C – SITE ACCEPTANCE PROCEDURES**Test Procedure Name:** Broadword V1.0, Administrative Control**Objective:** Site acceptance for administrative and access control functions

Step	Operator Input	Expected Results	Comments
1.	Log into your workstation. Method will vary by workstation type.	User will be logged into workstation.	Login
2.	On your workstation, start the browser. Method will vary by workstation type.	The browser will open in a separate window.	Browser
3.	In the Browser window, in the Location area, enter the URL from Broadword Protected Server and press Enter .	The Broadword Welcome page will be displayed.	Welcome
4.	Click on " Feedback " on the left side of the frame.	The Feedback form will be displayed in a separate window. All entries should be blank.	Feedback
5.	Close the Feedback window by choosing " Close " under the File menu.	The Feedback window will close. The Main page will still be displayed.	
6.	With the Username and Password box blank, click on " Accept ".	The system will display an invalid login message.	Client prevents login
7.	With the Username box blank, enter a valid password, then click on " Accept ".	The system will display an invalid login message.	Client prevents login
8.	In the Username box, enter a valid user name with a blank Password, then click on " Accept ".	The system will display an invalid login message.	Conan prevents login
9.	In the Username box on the browser, enter the same valid user name in valid Password box, then click on " Accept ".	The system will display an invalid login message.	Conan prevents login
10.	In the Username box on the browser, enter the same valid user name and the first 6 characters of the valid password then click on " Accept ".	The system will display an invalid login message.	Conan prevents login
11.	In the Username box, enter the same valid user name and a valid password in the Password box, then click on " Accept ".	The system will indicate that the user is locked out due to more than 3 unsuccessful logins	System admin. will have to unlock user account

Step	Operator Input	Expected Results	Comments
12.	In the Username box, enter a user name and password, which have Administrative and ISSO privileges, then click on “Accept” .	The Search Tools page will be displayed if it was previously selected as the default. On the left side of the page, Administration and ISSO functions should be listed beneath searching functions.	Login
13.	In the frame on the left side of the page, under “Administration” , click on “User Maintenance” .	The “User Maintenance” page will be displayed.	User Maintenance
14.	Enter a current user, then click on “Execute” .	Current and possible privileges of user will be displayed.	
15.	Make the desired changes utilizing the check boxes, then click on “Execute” .	Page redisplay with user’s current and possible privilege status.	
16.	In the frame on the left side of the page, under ISSO, click on “Audit Logs” .	The Audit Log Maintenance page will be displayed. There will be a box for User and for Archive File Name. The Start Date and End Date should be the same.	Audit Logs
17.	Enter the user name from step 6 in the “User” field, Choose the appropriate Date and Time, then click on the “Audit Report” button.	An appropriate audit report will be created for the desired users, dates, and events. A Hypertext line will be displayed “View Audit Report?”	Audit Report
18.	Click on “View Audit Report?”	An audit report will be displayed in a separate window. Verify that the invalid logins and the changes that were made are contained in the audit report.	View Audit Report
19.	Close the audit window by choosing “Close” under the File menu.	Audit Logs page will be displayed.	
20.	Click on the “Data Element Configuration” tab.	Data Elements page will be displayed.	Data Elements
21.	In the frame on the left side of the page, under “Administration” , click on “System Config” .	The “System Configuration” page will be displayed with the “Query Fields” tab selected.	System Config
22.	In the Query fields tab, set those fields that your site prefers for short and advance forms, then click on “Apply Changes” .	Query Fields page redisplay with changes shown.	
23.	Click on the “Gatekeeper Config” tab.	The Gatekeeper Config page will be displayed.	Gatekeeper Config

Step	Operator Input	Expected Results	Comments
24.	Under the “ Edit Gatekeeper ” banner, set the “ Client Idle Timeout ” your site’s standard value, then click on Save ” or leave at default setting	The Gatekeeper Config page will be redisplayed with the new value.	Change Timeout
25.	If Client Idle Timeout changed then save the file and Re-start Conan by doing the following: If root is using/bin/sh: Ps-ef grep conan Kill -9[whatever PID conan has] /opt/bswd1.0/client/bin/startconan		
26.	Browser must be left idle for Client Idle Timeout value.		
27.	Return to browser and select any new page	Client Idle Timeout Warning is displayed	
28.	On the Broadsword page, click on “ Logout ” in the top frame.	A window will appear asking if the operator is sure he/she wants to end the session.	Logout
29.	Click on “ Yes, Logout ”.	User will be logged out and the Welcome page will be displayed.	
30.	On the browser File menu, click on Exit .	The browser will terminate.	End of test case

Test Procedure Name: Broadsword V1.0, Profile Notification
Objective: Test for Profile Notification via E-mail Examine each page for content, legibility, grammar and placement.

Step	Operator Input	Expected Results	Comments
1	Log into your workstation. Method will vary by workstation type.	User will be logged into workstation.	Login
2	On your workstation, start the browser. Method will vary by workstation type.	The browser will open in a separate window.	Browser
3	In the Browser window, in the Location area, enter the URL for Broadsword Protected Server and press Enter.	The Broadsword Welcome page will be displayed.	Welcome
4	In the Username box, enter a valid password, then click on “Accept” .	The Search Tools page will be displayed since it was previously selected as the default.	Login
5	Click on “Preferences” in the top frame.	The Preferences-General tab page will be displayed with registration information.	
6	Click on the “E-Mail New Info” tab.	The “Profile Maintenance and Generate/Modify Profile” page will be displayed.	E-mail
7	In the “Generate/Modify Profile” area perform the following: 1) Enter a name for the profile 2) Fill in a valid E-mail address 3) Set the update frequency to Every 30 minutes All Day 4) Set the Duration to 1 day 5) Set the Status to Active 6) Select the desired data source(s) 7) Choose the appropriate attribute(s) Click on the “Save as New” button at the bottom of the page.	The profile will appear at the top of the page under Profile Maintenance. The status will be Active.	New profile

Step	Operator Input	Expected Results	Comments
8	A product that meets the new profile criteria must now be cataloged into the system.	A 30-minute threshold must be passed for the product entered to satisfy the profile.	
9	Click on “Profile Notification” in the frame on the left side of the page.	The page will contain the new products that meet the profile.	Results
10	Click on “Logout” in the top frame.	A window will appear asking if the operator is sure he/she wants to end the session.	Logout
11	Click on “Yes, Logout” .	User will be logged out and the Welcome page will be displayed.	
12	On the browser File menu, click on Exit.	The browser will terminate.	End of test case

Test Procedure Name: Broadword V1.0, Query-Local & Remote Sources

Objective: Site Acceptance For Find & Query - Local & Remote Sources

These procedures allow for testing of local and remote sources of various types.

Step	Operator Input	Expected Results	Comments
	Section 1	Access Broadword	
1.	Log into your workstation. Method will vary by workstation type.	User will be logged into workstation.	Login
2.	On your workstation, start the browser. Method will vary by workstation type.	The browser will open in a separate window.	Browser
3.	In the Browser window, in the Location area, enter the URL for Broadword protected server and press Enter.	The Broadword Welcome page will be displayed.	Welcome
4.	In the Username box, enter a valid user name and password which have ISSO privileges, then click on “Accept” .	The Search Tools page will be displayed since it was previously selected as the default.	Login
5.	Click on “Preferences” in the top frame.	The Preferences page – General tab will be displayed with Registration Information.	
6.	Click on “Remote User Data” tab – Enter a valid user & password for AMHS and click on “Apply Changes”	The Remote User Data page is redisplayed with the changes.	Remote User
7.	Click on the “Info Support” tab. Set select format for image products to “TIFF 6.0” if viewing with xv, “As Is” for any other viewer. Click on “Apply Changes” .	The Info Support page is redisplayed with the changes	

	Section 2	Local Find	IPA/IPL or AMHS only
1.	Click on “Preferences” in the top frame.	The Preferences page – General tab will be displayed with Registration Information.	
2.	Click on the “Search Tools” tab.	The “Search Tools – Where and What to Search” page will be displayed.	Search?
3.	In the “Where and What to Search” area select any combination of source(s). In the “Define Search Page” area select “Find” . Click on “Apply Changes” .	The page will be redisplayed with new settings. Find is not available for 5D, NDS, IESS, and MIDB.	IPA/IPL or AMHS only
4.	Click on “Search Tools” in the frame on the left side of the page.	The “Search Tools - Find” page will be displayed.	
5.	In the keyword entry box, enter a keyword like “airfield” . Click on the “Execute” button.	The “Search Tools – Results of Request” page will be displayed with the items that meet the search criteria.	Local Find
6.	On the browser, select a product to be pulled.	Product is transferred and spawns a window.	
7.	Close window. Method will depend on platform.	Window closes. Results page is still displayed	
8.	Perform steps 1-7 for remaining sources, until each source has been selected at least once.	As stated.	Other Sources

	and in Query Form Style select “Short” or “Advanced” . Click on “Apply Changes” .	The page will be redisplayed with new settings.	Local source
4.	Click on “Search Tools” in the frame on the left side of the page.	The “Search Tools - Query (Short Form)” page will be displayed.	
5.	On the Query short form, set _____ to _____ Click on the “Execute” button.	The “Search Tools – Results of Request” page will be displayed with the results of the query. Several items should be found that meet the search criteria.	Local Query
6.	On the browser, select a product to be pulled.	Product is transferred and spawns a window.	
7.	Close window. Method will depend on platform.	Window closes. Results page is still displayed	
8.	Perform steps 1-7 until each source has been selected at least once..	As stated.	Other Sources

	Section 4	Local Geographic-Text Search	
1.	On the Broadword page, click on “Preferences” in the top frame.	The Main page will be displayed with Registration Information.	
2.	Click on the “Search Tools” tab.	The “Search Tools - Where and What to Search” page will be displayed.	Search?

3.	In the “Where and What to Search” area select any combination of source(s). In the Define Search Page area select “Geographic Search” and in Geographic Form Style select “Text” . Click on “Apply Changes” .	The page will be redisplayed with new settings. Geographic search (text form) is not available for AMHS, MIDB, and 5D.	Local source
4.	Click on “Search Tools” in the frame on the left side of the page.	The “Search Tools - Geographic Search (Text)” page will be displayed.	Local geo-text
5.	On the “Geographic Search (Text)” form, enter “_____” in the “Location” box then click on the “Execute” button.	The “Search Tools – Results of Request” page will be displayed with the items that meet the search criteria.	
6.	On the browser, select a product to be pulled.	Product is transferred and spawns a window.	
7.	Close window. Method will depend on platform.	Window closes. Results page is still displayed	
8.	Perform steps 1-7 until each source has been selected at least once..	As stated.	Other Sources

	Section 5	Local Geographic-Map Search	
1.	On the Broadsword page, click on “Preferences” in the top frame.	The Main page will be displayed with Registration Information.	
2.	Click on the “Search Tools” tab.	The “Search Tools - Where and What to Search” page will be displayed.	Search?
3.	In the “Where and What to Search” area select any combinations of source(s). In the Define Search Page area select “Geographic Search” and in Geographic Form Style select “Map” . Click on “Apply Changes” .	The page will be redisplayed with new settings. Geographic Search (text form) is not available for AMHS, MIDB, and 5D.	Local source
4.	Click on “Search Tools” in the frame on the left side of the page.	The “Search Tools - Geographic Search (Map)” page will be displayed with a map of the world.	Local geo-map
5.	On the Geographic Search (Map) page, click on “Search” , select “Target” , then click on “Point” , then click on a point of interest on the map within _____, Click on the “Execute” button at the bottom of the page.	The map will be redrawn with an X indicating the selected point.	Point
6.	On the browser, select a product to be pulled.	Product is transferred and spawns a window.	
7.	Close window. Method will depend on platform.	Window closes. Results page is still displayed	
8.	Perform steps 1-8 for remaining sources,until each source has been selected at least once..	As stated.	Other Sources

	Section 6	Logout	
1.	On the Broadsword page, click on “Logout” in the top frame.	A window will appear asking if the operator is sure he/she wants to end the session.	Logout
2.	Click on “Yes, Logout” .	User will be logged out and the Welcome page will be displayed.	
3.	On the browser File menu, click on Exit.	The browser will terminate.	End of test case

Test Procedure Name: Broadsword V1.0, Results, Shopping Cart & Order Status
--

Objective: Test For Results, Shopping Cart and Order Status Pages
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Step	Operator Input	Expected Results	Comments
1	Log into your workstation. Method will vary by workstation type.	User will be logged into workstation.	Login
2	On your workstation, start the browser. Method will vary by workstation type.	The browser will open in a separate window.	Browser
3	In the Browser window, in the Location area, enter the URL for Broadsword protected server and press Enter.	The Broadsword Welcome page will be displayed.	Welcome
4	On the Welcome page, in the Username box, enter a valid user name and password, then click on “Accept” .	The Search Tools page will be displayed if it was previously selected as the default.	Login
5	Click on “Preferences” in the top frame.	The Main page will be displayed with Registration Information.	
6	Click on the “Search Tools” tab.	The “Search Tools - Where and What to Search” page will be displayed. Query Method should be set to Simultaneous.	
7	In the “Where and What to Search” area select a source that has orderable products. In the “Define Search Page” area select “Query” and in Query Form Style “Short” should be selected. Click on the “Apply Changes” button at the bottom of the page.	The page will be redisplayed with new settings.	Search?
8	Click on the “Results Page” tab.	The “Configuring the Hit List” page will be displayed. “Display Thumbnails” should be set to Yes. “Number of Hits to be Displayed Each Time” should be set to 100.	

Step	Operator Input	Expected Results	Comments
9	Click on the “Delivery Options” tab. In the Electronic Delivery area, enter the Destination Host Name and the Destination Path where the items are to be sent. Click on “Apply Changes”	The Delivery Options page will be redisplayed with the Destination Host Name and Destination Path filled in	Destination
10	Click on “Search Tools” in the frame on the left side of the page.	The “Search Tools - Query (Short Form)” page will be displayed.	
11	On the Query short form, select and set the appropriate fields, then click on the “Execute” button at the bottom of the page.	The “Search Tools - Results of Request” page will be displayed with the items that meet the search criteria.	Query
12	On the Results of Request page, click on the “Add to Cart” box on the right side of the page for a single item.	The box will appear checked.	Request
13	On the Results of Request page, click on the “Add to Cart” button at the bottom of the page.	The page will be redisplayed.	Add to cart
14	Click on “Shopping Cart” in the frame on the left side of the page.	The item previously selected will appear on your shopping cart page.	Shopping Cart
15	On the Shopping Cart page, click on the “Order Items” button at the bottom of the page.	The page will be redisplayed with “REQUEST SENT” in the Order Status column, after some time.	Order Items
16	Click on “Order Status” in the frame on the left side of the page.	The Order Status page will be displayed with the successfully ordered item.	Order Status
17	Verify actual delivery of product by locating it in the destination directory specified in step 9.	Ordered product exists in directory.	Verify Delivery
18	Click on “Logout” in the top frame.	A window will appear asking if the operator wants to end the session.	Logout
19	Click on “Yes, Logout” .	User will be logged out and the welcome page will be displayed.	
20	On the browser File menu, click on Exit .	The browser will terminate.	End of test case

Test Procedure Name:	Broadsword V1.0, Cataloging
Objective:	Site Acceptance Test For Cataloging
Examine each page for content, legibility, grammar and placement. Locate the directory: <i>sampleProducts</i> on the local platform or network. Use these files for cataloging.	

Step	Operator Input	Expected Results	Comments
1	Log into your workstation. Method will vary by workstation type.	User will be logged into the workstation.	Login
2	On your workstation, start the browser. Method will vary by workstation type.	The browser will open in a separate window.	Browser
3	In the Browser window, in the Location area, enter the URL for Broadsword and press Enter .	The Broadsword "Welcome" page will be displayed.	Welcome
4	In the Username box, enter a valid user name and password which have producer privileges, then click on " Accept ".	The default Main page will be displayed depending upon selection.	Login
5	Click on " Cataloging, Manually " in the frame on the left side of the page.	The "Manual Entry Cataloging for IPL – Main" page will be displayed.	Cataloging Main page must be completed after [ALL] tabs
6	On the " Manual Entry Cataloging for IPL " page, click on the " Equipment " tab	The "Equipment" page will be displayed with blank fields or "No Selection".	
7	Enter some text into the " Equipment Nomenclature " area, pick a selection from the " Order of Battle " pull-down. Click on Submit Equipment Record button.	The entered text and the selection will disappear and the "Equipment Table" page will be displayed as above.	May Omit this step.
8	On the " Manual Entry Cataloging for IPL " page, click on the " Event " tab.	The "Event Table" page will be displayed with blank fields or "No Selection".	Event Table
9	Enter some text into the " Event Name " area, pick a selection from the " Event Type " pull-down, then click on the Submit Event Record button.	The entered text and the selection will disappear and the "Event Table" page will be displayed as above.	May Omit this step.
10	On the " Manual Entry Cataloging for IPL " page, click on the " Image " tab.	The "Image Table" page will be displayed with blank fields or "No Selection".	Image Table

Step	Operator Input	Expected Results	Comments
11	Enter some text into the “ Image ID ” area, pick a selection from the “ Sensor Name ” pull-down, click on the Submit Image Record . button	The entered text and the selection will disappear and the “Image Table” page will be displayed as above. The number of images must match exactly the number of files.	
12	On the “ Manual Entry Cataloging for IPL ” page, click on the “ Person ” tab.	The “Person Table” page will be displayed with blank fields or “No Selection”.	Person Table
13	Enter some text into the “ Last Name ” area, pick a selection from the “ Associated Country ” pull-down, then click on the Submit Person Record button	The entered text and the selection will disappear and the “Person Table” page will be displayed as above.	May Omit this step.
14	On the “ Manual Entry Cataloging for IPL ” page, click on the “ Target ” tab.	The “Target Table” page will be displayed with blank fields or “No Selection”.	Target Table
15	Enter some text into the “ Target ID ” area, pick a selection from the “ Country Code ” pull-down, click on the Submit Target Table button.	The entered text and the selection will disappear and the “Target Table” page will be displayed as above.	May Omit this step.
16	On the “ Manual Entry Cataloging for IPL ” page, click on the “ Product ” tab.	The “Product Table” page will be displayed with blank fields or “No Selection”.	Product Table
17	Enter some text into the “ Associated Text ” area, pick a selection from the Release pull-down, click on the “ Submit Product Record ” button.	The entered text and the selection will disappear and the “Product Table” page will be displayed as above.	May Omit this step.
18	On the “ Manual Entry Cataloging for IPL ” page, click on the “ Section ” tab.	The “Section Table” page will be displayed with blank fields or “No Selection”.	Section Table
19	Enter some text into the “ Section Title ” area, click on the Submit Section Record .button	The entered text will disappear and the “Section Table” page will be displayed as above.	May Omit this step
20	On the “ Manual Entry Cataloging for IPL ” page, click on the “ Keyword ” tab.	The “Keyword Table” page will be displayed with blank fields.	Keyword Table

Step	Operator Input	Expected Results	Comments
21	Enter some text into the “ Keywords ” area, click on the Submit Keyword Record button.	The entered text will disappear and the “Keyword Table” page will be displayed as above.	Reset
22	On the “ Manual Entry Cataloging for IPL ” page, click on the “ Requesting Organizations ” tab.	The “Requesting Organizations Table” page will be displayed with blank fields or “No Selection”.	Requesting Organizations
23	Enter some text into the “ Requesting Organization ” area, click on the Submit Requesting Organization Record button.	The entered text will disappear and the “Requesting Organizations” page will be displayed as above.	May Omit this step.
24	On the “ Manual Entry Cataloging for IPL ” page, click on the “Associated Reports” tab.	The “Associated Reports Table” page will be displayed with blank fields.	Associated Reports
25	Enter some text into the “ Associated Report ” area, click on the Submit Associated Report Record button.	The entered text will disappear and the “Associated Reports” page will be displayed as above.	Prior to performing the next step, an image product file must be available on the user’s machine to be submitted.
26	On the “ Manual Entry Cataloging for IPL ” page, click on “ Main ” tab.		
27	Click on the “ Main ” tab, the Product Format should match the product to be submitted. Click on the IPL destination box in the Catalog to IPL. Fill in the Product Title and select a Short Name, Product Format, and Producer Code from the pop-down boxes. Verify all boxes open and offer selections. Make appropriate selection in the “ Classification ” box. Verify that the “ Creation Time ” field has an entry. Click on the “ Submit ” button at the bottom of the page.	The “verifying Input Data” page will be displayed with a message that all Meta-data Verified for Correct Format.	Submission
28	Click on the “ Get Product File(s) ” button at the bottom of the page.	The “Get the Product File from Your Machine” page will be displayed.	Get Product File

Step	Operator Input	Expected Results	Comments
29	Click on the “ Browse ” button next to the “ Filename ” box.	A “Browse” window will open allowing the user to locate the file to be submitted.	
30	In the filter or file type area, select the proper path where your file resides and press Enter. Highlight the appropriate file from the file list and click on OK .	The selected file and path will be in the “Filename” box.	
31	Click on the “ Get Product File(s) ” button at the bottom of the page.	A message that the file was successfully transferred to the gatekeeper will be displayed.	Get Product Files
32	Click on the “ Catalog ” button at the right side of the page.	A message that the file was successfully transferred to Input Directory will be displayed.	Catalog
33	Click on “ Catalog Status ” in the frame on the left side of the page.	A message will be displayed that the user had 1 product transferred for cataloging and successfully transferred.	Catalog Status
34	Click on “ Cataloging With NITF Header ” in the frame on the left side of the page.	The “Catalog an NITF Product” page will be displayed.	Catalog NITF Product
35	Click on the “ Browse ” button next to the “ Filename ” box.	A “Browse” window will open allowing the user to locate the file to be parsed.	Prior to performing this step, an NITF image file must be available on the user’s machine to be submitted.
36	In the filter or file type area, select the proper path where your file resides and press Enter. Highlight the appropriate file from the file list and click on OK .	The file name and path will appear in the “Filename” box on the “Catalog an NITF Product” page.	
37	Click on the “ Get NITF File ” button at the bottom of the page.	A message that the NITF header was successfully parsed will be displayed.	Get NITF File
38	Click on the “ Continue ” button.	The “Manual Entry Cataloging for IPL – Main” page will be displayed.	

Step	Operator Input	Expected Results	Comments
39	On the main page, fill in any remaining fields. Click on the IPL destination box. Record the Product Title and click on the “Submit” button at the bottom of the page.	A message that All Meta Data Verified For Correct Format will be displayed.	Submission
40	Enter a template name of test_temp and click on the “Catalog” button at the bottom of the page.	A message that the file was successfully transferred to Input Directory will be displayed.	Catalog
41	Click on “Catalog Status” in the frame on the left side of the page.	A message will be displayed that the user had 2 product transferred for cataloging and successfully transferred.	Catalog Status
42	Click on “Cataloging With IPL Data File” in the frame on the left side of the page.	The “Catalog Using an IPL v1.0 Data File” page will be displayed.	Catalog IPL Product
43	Click on the “Browse” button next to the “Filename” box.	A “Browse” window will open allowing the user to locate the file to be parsed.	Prior to performing this step, an IPL v1.0 image file and metadata file (example, .IPAdat) must be available on the user’s machine to be submitted
44	In the filter or file type area, select the proper path where your IPL data file resides and press Enter. Highlight an .IPAdat file from the file list and click on OK .	The file name and path will appear in the “Filename” box on the “Catalog Using an IPL v1.0 Data File” page.	
45	Click on the “Get IDF” button at the bottom of the page.	A message that the IPL Data File was successfully parsed will be displayed.	Get IDF File
46	Click on the “Continue” button.	The “Manual Entry Cataloging for IPL – Main” page will be displayed.	

Step	Operator Input	Expected Results	Comments
47	Click on the “ Main ” tab, the Product Format should match the product to be submitted. Refer to steps 6 – 25. Click on the IPL destination box in the Catalog to IPL. Fill in the Product Title and select a Short Name, Product Format, and Producer Code from the pop-down boxes. Verify all boxes open and offer selections. Make appropriate selection in the “ Classification ” box. Verify that the “ Creation Time ” field has an entry. Click on the “ Submit ” button at the bottom of the page.	A message that All Meta Data Verified For Correct Format will be displayed.	Submission
48	Click on the “ Get Product File(s) ” button at the bottom of the page.	The “Get the Product File from Your Machine” page will be displayed.	Get Product Files
49	Click on the “ Browse ” button next to the “ Filename ” box.	A “Browse” window will open allowing the user to locate the file to be submitted.	Prior to performing this step, an IPL v1.0 image file and metadata file (example, .IPAdat) must be available on the user’s machine to be submitted
50	In the filter or file type area, select the proper path where your file resides and press Enter. Highlight an .IPAdat file from the list and click on OK .	The selected file and path will be in the “Filename” box.	Select File
51	Click on the “ Get Product File(s) ” button at the bottom of the page.	A message that the file was successfully transferred to the gatekeeper will be displayed.	Get Product Files
52	Click on the “ Catalog ” button at the right side of the page.	A message that the file was successfully transferred to Input Directory will be displayed.	Catalog
53	Wait at least 1 minute & then click on “ Catalog Status ” in the frame on the left side of the page.	A message will be displayed that the user had 3 product transferred for cataloging and successfully transferred.	Catalog Status

Step	Operator Input	Expected Results	Comments
54	On the “ Catalog Status ” page, click on the check box next to the status item, then click on the “ Delete Marked Items ” button at the bottom of the page.	The page will be re-displayed with no status items.	
55	Click on “ Cataloging With Template ” in the frame on the left side of the page.	The “Use a Template for Cataloging to IPL” page will be displayed. Available templates will be displayed with a radio button to select.	
56	Click on the radio button for the desired template, then click on the “ Load Template ” button.	The page is re-displayed with the button unselected.	Load Template
57	Click on the “ Catalog ” button.	The “Manual Entry Cataloging for IPL - Main” page will be displayed with all minimum required fields filled in.	
58	Click on the IPL destination then click on the “ Submit ” button at the bottom of the page.	A message that All Meta Data Verified For Correct Format. will be displayed.	Submission
59	Click on the “ Get Product File(s) ” button at the bottom of the page.	The “Get the Product File from Your Machine” page will be displayed.	Get Product Files
60	Click on the “ Browse ” button next to the “ Filename ” box.	A “Browse” window will open allowing the user to locate the file to be submitted.	Prior to performing this step, an IPL v1.0 image file and metadata file (example, .IPAdat) must be available on the user’s machine to be submitted
61	In the filter or file type area, select the proper path where your file resides and press Enter. Highlight the appropriate .IPAdat file from the file list and click on OK .	The selected file and path will be in the “Filename” box.	Select File
62	Click on the “ Get Product File(s) ” button at the bottom of the page.	A message that the file was successfully transferred to the gatekeeper will be displayed.	Get Product Files

Step	Operator Input	Expected Results	Comments
63	Click on the “ Catalog ” button at the right side of the page.	A message that the file was successfully transferred to input directory will be displayed.	Catalog
64	Click on “Catalog Status” in the frame on the left side of the page.	A message will be displayed that the user had 1 product transferred for cataloging and successfully transferred.	Catalog Status
65	On the “ Catalog Status ” page, click on the check box next to the status item, then click on the “ Delete Marked Items ” button at the bottom of the page.	The page will be re-displayed with no status items.	Delete status
66	Click on “ Logout ” in the top frame.	A window will appear asking if the operator is sure he/she wants to end the session.	Logout
67	Click on “ Yes, Logout ”.	User will be logged out and the “Welcome” page will be displayed.	
68	On the browser File menu, click on Exit .	The browser will terminate.	
69	Log out of your terminal session.		End of test case

APPENDIX D – BROADSWORD FILE PERMISSIONS

/opt/bswd1.0:

total 626

```

-rw-r----- 1 root ipa 362 Sep 28 09:05 README
-rw-r----- 1 root ipa 188399 Nov 30 13:36 README.MANIFEST
-rw-r----- 1 root ipa 184641 Nov 30 13:35 README.MANIFEST.STATIC
-rw-r----- 1 root ipa 2932 Nov 9 14:11 README.MANIFEST.SYMLINKS
-rw-r----- 1 root ipa 220113 Nov 30 15:13 README.XSUMS
drwxr-x--- 2 root ipa 1024 Nov 5 14:25 audit_scripts
drwxr-x--- 2 root ipa 512 Nov 5 14:34 audits
drwxr-x--- 2 root ipa 1024 Nov 30 15:10 bin
drwxr-xr-x 17 root ipa 512 Nov 12 14:41 client
drwxr-x--- 7 root ipa 512 May 6 1998 dataserver
drwxr-x--- 7 root ipa 512 Nov 30 15:12 dieps_spia
drwxr-s--- 2 root ipa 512 Nov 30 09:13 etc
drwxr-s--- 2 root ipa 512 Nov 5 14:36 logs
drwxr-x--- 8 root ipa 512 Nov 5 14:39 odbc
drwxr-x--- 9 root ipa 512 Feb 9 1998 plugins
drwxr-x--- 2 root ipa 512 Nov 30 08:22 scripts
drwxr-x--- 2 root ipa 512 Nov 5 14:25 skey
drwxrws--- 2 root ipa 512 Nov 5 14:24 tmp
drwxrws--- 2 root ipa 512 Nov 30 13:55 transfer

```

/opt/bswd1.0/audit_scripts:

total 1145

```

-rwxr-x--- 1 root ipa 166472 Oct 16 14:08 AuditFileCheck
-rwxr-x--- 1 root ipa 7199 Mar 24 1998 BSWD_ISSO_Audit
-rwxr----- 1 root ipa 570880 Mar 24 1998 audit_stuff
-rwxr-x--- 1 root ipa 3581 Mar 24 1998 build_audit_trail.sub
-rwxr-x--- 1 root ipa 3611 Mar 24 1998 build_query_trail.sub
-rwxr-x--- 1 root ipa 3252 Mar 24 1998 build_request_trail.sub
-rwxr-x--- 1 root ipa 149 Mar 24 1998 chk_user.sub
-rwxr-x--- 1 root ipa 1339 Mar 24 1998 cur_users.sub
-rwxr-x--- 1 root ipa 847 Mar 24 1998 end_batch.sub
-rwxr-x--- 1 root ipa 173808 Oct 16 14:08 get_datetime
-rwxr-x--- 1 root ipa 1941 Mar 24 1998 load_ID_list.sub
-rwxr-x--- 1 root ipa 1196 Mar 24 1998 login.sub
-rwxr-x--- 1 root ipa 1266 Mar 24 1998 logout.sub
-rwxr-x--- 1 root ipa 1281 Mar 24 1998 query.sub
-rwxr-x--- 1 root ipa 1477 Mar 24 1998 query_results.sub
-rwxr-x--- 1 root ipa 1604 Mar 24 1998 remove_file.sub
-rwxr-x--- 1 root ipa 1450 Mar 24 1998 request.sub
-rwxr-x--- 1 root ipa 1308 Mar 24 1998 request_trail.sub
-rwxr-x--- 1 root ipa 2958 Mar 24 1998 save_ID_list.sub
-rwxr-x--- 1 root ipa 160260 Oct 16 14:08 silent
-rwxr-x--- 1 root ipa 5537 Mar 24 1998 update_ID_list.sub

```

/opt/bswd1.0/audits:

total 0

/opt/bswd1.0/bin:

total 11107

```

-rwxr-x--- 1 root ipa 1521532 Oct 16 14:08 5d_plugin.SVR4
-rwxr-x--- 1 root ipa 62464 Oct 16 14:08 CS03015_CatPass
-rwxr-x--- 1 root ipa 505236 Nov 30 14:16 amhs_plugin.SVR4
-rwxr-x--- 1 root ipa 2114100 Oct 16 14:08 amhsget
-rwxr-x--- 1 root ipa 5776 May 16 1998 brkclient
-rwxr-x--- 1 root ipa 1239128 Nov 30 14:16 gatekeeper.SVR4
-rwxr-x--- 1 root ipa 747008 Oct 27 13:52 gatekeeperftp.SVR4

```

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```
-rwxr-x--- 1 root ipa 146644 Nov 30 14:16 gatekeepermrs.SVR4
-rwxr-x--- 1 root ipa 117028 Nov 30 14:16 gatekeepermsl.SVR4
-rwxr-x--- 1 root ipa 70980 Oct 16 14:08 getplugins.SVR4
-rwxr-x--- 1 root ipa 1117248 Oct 16 14:08 idexr.SVR4
-rwxr-x--- 1 root ipa 1648116 Oct 16 14:08 iess_plugin.SVR4
-rwxr-x--- 1 root ipa 20144 May 16 1998 ipcsnd
-rwxr-x--- 1 root ipa 591608 Oct 16 14:08 ipl20_plugin.SVR4
-rwxr-x--- 1 root ipa 504088 Oct 16 14:08 ipl_plugin.SVR4
lrwxrwxrwx 1 root ipa 22 Nov 30 14:08 jivacron -> ../client/bin/jivacron
-rwxr-x--- 1 root ipa 899156 Oct 16 14:08 midb_plugin.SVR4
-rwxr-x--- 1 root ipa 156 Jun 29 09:33 mrs.csh
-rwxr-x--- 1 root ipa 156 Nov 25 14:05 msl.csh
-rwxr-x--- 1 root ipa 127936 Oct 16 14:08 remote_plugin.SVR4
lrwxrwxrwx 1 root ipa 34 Nov 30 14:09 startconan ->
/opt/bswd1.0/client/bin/startconan
-rwxr-x--- 1 root ipa 4108 Oct 16 14:08 time_convert
-rwxr-x--- 1 root ipa 72264 Oct 16 14:08 update_config.SVR4
```

/opt/bswd1.0/client:

total 31

```
drwxrws--- 2 root ipa 512 Nov 25 18:08 Maps
drwxr-x--- 6 root ipa 512 Oct 20 15:35 PROTECTED
drwxrwsrwx 2 root ipa 512 Nov 30 10:56 Products
-rw-r----- 1 root ipa 13675 Nov 12 13:06 README
drwxr-x--- 6 root ipa 512 Oct 1 10:00 REGISTERED
drwxrwsrwx 2 root ipa 512 Nov 30 14:08 Thumbnails
drwxr-x--- 2 root ipa 512 Nov 30 15:03 bin
drwxr-x--- 3 root ipa 1536 Nov 30 15:07 cgi-bin
drwxr-x--- 9 root ipa 1536 Nov 24 17:37 docs
drwxr-x--- 4 root ipa 512 Nov 24 17:37 etc
drwxr-x--- 2 root ipa 512 Nov 5 14:33 icons
drwxr-s--- 2 root ipa 512 Nov 30 08:23 logs
drwxr-x--- 2 root ipa 512 Nov 6 15:30 sampleProducts
drwxr-x--- 2 root ipa 512 Nov 5 14:33 scripts
drwxrws--- 3 root ipa 512 Nov 30 14:06 tmp
drwxr-x--- 5 root ipa 512 Apr 9 1998 tmtkv114
```

/opt/bswd1.0/client/Maps:

total 0

/opt/bswd1.0/client/PROTECTED:

total 252

```
lrwxrwxrwx 1 root ipa 6 Nov 30 14:09 bin -> ../bin
lrwxrwxrwx 1 root ipa 10 Nov 30 14:09 cgi-bin -> ../cgi-bin
drwxr-x--- 2 root ipa 512 Nov 5 14:25 conf
drwxr-x--- 4 root ipa 1024 Nov 9 14:11 docs
drwxr-x--- 7 root ipa 512 Nov 24 17:35 etc
-rwxr-x--- 1 root ipa 238400 Oct 16 14:08 httpd
lrwxrwxrwx 1 root ipa 8 Nov 30 14:09 icons -> ../icons
lrwxrwxrwx 1 root ipa 7 Nov 30 14:09 logs -> ../logs
drwxr-s--- 2 root ipa 512 Nov 30 14:08 tmp
lrwxrwxrwx 1 root ipa 11 Nov 30 14:09 tmtkv114 -> ../tmtkv114
```

/opt/bswd1.0/client/PROTECTED/conf:

total 18

```
-rwxr-x--- 1 root ipa 2660 Oct 20 16:15 access.conf
-rwxr-x--- 1 root ipa 3112 Nov 5 14:46 httpd.conf
-rwxr-x--- 1 root ipa 4650 Oct 20 16:15 mime.types
-rwxr-x--- 1 root ipa 5489 Nov 6 10:47 srm.conf
```

/opt/bswd1.0/client/PROTECTED/docs:

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```
total 5
lrwxrwxrwx 1 root ipa 21 Nov 30 14:09 About.html -> ../../docs/About.html
lrwxrwxrwx 1 root ipa 15 Nov 30 14:09 CSIL -> ../../docs/CSIL
lrwxrwxrwx 1 root ipa 32 Nov 30 14:09 DeliveryOptPrefs.html ->
../../docs/DeliveryOptPrefs.html
lrwxrwxrwx 1 root ipa 29 Nov 30 14:09 EmailNewPrefs.html ->
../../docs/EmailNewPrefs.html
lrwxrwxrwx 1 root ipa 38 Nov 30 14:09 EmailNotificationPrefs.html ->
../../docs/EmailNotificationPrefs.html
lrwxrwxrwx 1 root ipa 24 Nov 30 14:09 Feedback.html -> ../../docs/Feedback.html
lrwxrwxrwx 1 root ipa 24 Nov 30 14:09 GenPrefs.html -> ../../docs/GenPrefs.html
lrwxrwxrwx 1 root ipa 29 Nov 30 14:09 InfoSuppPrefs.html ->
../../docs/InfoSuppPrefs.html
lrwxrwxrwx 1 root ipa 29 Nov 30 14:09 IntelNotAvail.html ->
../../docs/IntelNotAvail.html
lrwxrwxrwx 1 root ipa 28 Nov 30 14:09 ListNewPrefs.html ->
../../docs/ListNewPrefs.html
lrwxrwxrwx 1 root ipa 15 Nov 30 14:09 Maps -> ../../docs/Maps
lrwxrwxrwx 1 root ipa 29 Nov 30 14:09 ProdSuppPrefs.html ->
../../docs/ProdSuppPrefs.html
lrwxrwxrwx 1 root ipa 23 Nov 30 14:09 Qstart2.html -> ../../docs/Qstart2.html
lrwxrwxrwx 1 root ipa 32 Nov 30 14:09 SearchToolsPrefs.html ->
../../docs/SearchToolsPrefs.html
lrwxrwxrwx 1 root ipa 23 Nov 30 14:09 Support.html -> ../../docs/Support.html
lrwxrwxrwx 1 root ipa 29 Nov 30 14:09 TargetWdwNote.html ->
../../docs/TargetWdwNote.html
lrwxrwxrwx 1 root ipa 16 Nov 30 14:09 demos -> ../../docs/demos
lrwxrwxrwx 1 root ipa 15 Nov 30 14:09 gifs -> ../../docs/gifs
lrwxrwxrwx 1 root ipa 16 Nov 30 14:09 guide -> ../../docs/guide
lrwxrwxrwx 1 root ipa 15 Nov 30 14:09 help -> ../../docs/help
-rwxr-x--- 1 root ipa 2811 Nov 5 14:39 index.shtml
lrwxrwxrwx 1 root ipa 25 Nov 30 14:09 not_avail.html -> ../../docs/not_avail.html
lrwxrwxrwx 1 root ipa 26 Nov 30 14:09 quickstart.html -> ../../docs/quickstart.html
drwxrws--- 2 root ipa 512 Nov 30 03:00 statistics
lrwxrwxrwx 1 root ipa 20 Nov 30 14:09 test.html -> ../../docs/test.html
lrwxrwxrwx 1 root ipa 16 Nov 30 14:09 thumbnails -> ../../Thumbnails
drwxr-s--- 2 root ipa 512 Nov 30 13:14 tmp
```

```
/opt/bswd1.0/client/PROTECTED/docs/statistics:
total 0
```

```
/opt/bswd1.0/client/PROTECTED/docs/tmp:
total 0
```

```
/opt/bswd1.0/client/PROTECTED/etc:
total 53
-rw-r----- 1 root ipa 13647 Oct 30 13:27 attributes.cfg
-rw-r----- 1 root ipa 13648 Oct 16 09:57 attributes.cfg.default
drwxrws--- 2 root ipa 512 Nov 24 13:32 carts
-rw-r----- 1 root ipa 843 Apr 9 1998 crontab
-rw-r----- 1 root ipa 3793 Apr 9 1998 formats
drwxr-x--- 2 root ipa 512 Nov 5 14:25 hitlists
drwxrws--- 2 root ipa 512 Nov 24 17:19 preferences
drwxr-x--- 2 root ipa 512 Nov 5 14:25 profiles
-rw-r----- 1 root ipa 153 Apr 9 1998 registered
-rw-r----- 1 root ipa 3990 Apr 9 1998 syb_formattable
drwxrws--- 2 root ipa 512 Nov 16 15:07 templates
-rw-r----- 1 root ipa 10100 Apr 9 1998 wusage.conf
```

```
/opt/bswd1.0/client/PROTECTED/etc/carts:
total 0
```

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/opt/bswd1.0/client/PROTECTED/etc/hitlists:
total 0

/opt/bswd1.0/client/PROTECTED/etc/preferences:
total 0

/opt/bswd1.0/client/PROTECTED/etc/profiles:
total 2
-rw-r----- 1 root ipa 1551 Apr 9 1998 default.pro

/opt/bswd1.0/client/PROTECTED/etc/templates:
total 0

/opt/bswd1.0/client/PROTECTED/tmp:
total 0

/opt/bswd1.0/client/Products:
total 0

/opt/bswd1.0/client/REGISTERED:
total 252
lrwxrwxrwx 1 root ipa 6 Nov 30 14:09 bin -> ../bin
lrwxrwxrwx 1 root ipa 10 Nov 30 14:09 cgi-bin -> ../cgi-bin
drwxr-x--- 2 root ipa 512 Nov 5 14:25 conf
drwxr-x--- 4 root ipa 1024 Nov 9 14:11 docs
drwxrws--- 6 root ipa 512 Nov 6 08:14 etc
-rwxr-x--- 1 root ipa 238400 Oct 16 14:08 httpd
lrwxrwxrwx 1 root ipa 8 Nov 30 14:09 icons -> ../icons
lrwxrwxrwx 1 root ipa 7 Nov 30 14:09 logs -> ../logs
drwxr-s--- 2 root ipa 512 Nov 30 14:09 tmp
lrwxrwxrwx 1 root ipa 11 Nov 30 14:09 tmtkv114 -> ../tmtkv114

/opt/bswd1.0/client/REGISTERED/conf:
total 18
-rwxr-x--- 1 root ipa 2664 Oct 20 16:15 access.conf
-rwxr-x--- 1 root ipa 3113 Nov 5 14:47 httpd.conf
-rwxr-x--- 1 root ipa 4650 Oct 20 16:15 mime.types
-rwxr-x--- 1 root ipa 5493 Nov 6 10:47 srm.conf

/opt/bswd1.0/client/REGISTERED/docs:
total 6
lrwxrwxrwx 1 root ipa 21 Nov 30 14:09 About.html -> ../../docs/About.html
lrwxrwxrwx 1 root ipa 15 Nov 30 14:09 CSIL -> ../../docs/CSIL
lrwxrwxrwx 1 root ipa 32 Nov 30 14:09 DeliveryOptPrefs.html ->
../../docs/DeliveryOptPrefs.html
lrwxrwxrwx 1 root ipa 29 Nov 30 14:09 EmailNewPrefs.html ->
../../docs/EmailNewPrefs.html
lrwxrwxrwx 1 root ipa 38 Nov 30 14:09 EmailNotificationPrefs.html ->
../../docs/EmailNotificationPrefs.html
lrwxrwxrwx 1 root ipa 24 Nov 30 14:09 Feedback.html -> ../../docs/Feedback.html
lrwxrwxrwx 1 root ipa 24 Nov 30 14:09 GenPrefs.html -> ../../docs/GenPrefs.html
lrwxrwxrwx 1 root ipa 29 Nov 30 14:09 InfoSuppPrefs.html ->
../../docs/InfoSuppPrefs.html
lrwxrwxrwx 1 root ipa 29 Nov 30 14:09 IntelNotAvail.html ->
../../docs/IntelNotAvail.html
lrwxrwxrwx 1 root ipa 28 Nov 30 14:09 ListNewPrefs.html ->
../../docs/ListNewPrefs.html
lrwxrwxrwx 1 root ipa 15 Nov 30 14:09 Maps -> ../../docs/Maps
lrwxrwxrwx 1 root ipa 29 Nov 30 14:09 ProdSuppPrefs.html ->
../../docs/ProdSuppPrefs.html

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```
lrwxrwxrwx 1 root ipa 23 Nov 30 14:09 Qstart2.html -> ../../docs/Qstart2.html
lrwxrwxrwx 1 root ipa 32 Nov 30 14:09 SearchToolsPrefs.html ->
../../docs/SearchToolsPrefs.html
lrwxrwxrwx 1 root ipa 23 Nov 30 14:09 Support.html -> ../../docs/Support.html
-rw-r----- 1 root ipa 210 Sep 15 10:30 TargetWdwNote.html
lrwxrwxrwx 1 root ipa 16 Nov 30 14:09 demos -> ../../docs/demos
lrwxrwxrwx 1 root ipa 15 Nov 30 14:09 gifs -> ../../docs/gifs
lrwxrwxrwx 1 root ipa 16 Nov 30 14:09 guide -> ../../docs/guide
lrwxrwxrwx 1 root ipa 15 Nov 30 14:09 help -> ../../docs/help
-rwxr-x--- 1 root ipa 2748 Nov 5 14:39 index.shtml
lrwxrwxrwx 1 root ipa 25 Nov 30 14:09 not_avail.html -> ../../docs/not_avail.html
lrwxrwxrwx 1 root ipa 26 Nov 30 14:09 quickstart.html -> ../../docs/quickstart.html
drwxrws--- 2 root ipa 512 Nov 30 03:30 statistics
lrwxrwxrwx 1 root ipa 20 Nov 30 14:09 test.html -> ../../docs/test.html
lrwxrwxrwx 1 root ipa 16 Nov 30 14:09 thumbnails -> ../../Thumbnails
drwxr-s--- 2 root ipa 512 Nov 5 14:25 tmp
```

```
/opt/bswd1.0/client/REGISTERED/docs/statistics:
total 0
```

```
/opt/bswd1.0/client/REGISTERED/docs/tmp:
total 0
```

```
/opt/bswd1.0/client/REGISTERED/etc:
total 53
```

```
-rw-r----- 1 root ipa 13801 Oct 8 14:17 attributes.cfg
-rw-r----- 1 root ipa 13648 Oct 16 09:58 attributes.cfg.default
drwxrws--- 2 root ipa 512 Nov 19 14:24 carts
-rw-r----- 1 root ipa 843 Apr 9 1998 crontab
-rw-r----- 1 root ipa 3793 Apr 9 1998 formats
drwxrws--- 2 root ipa 512 Nov 19 14:04 preferences
drwxr-x--- 2 root ipa 512 Nov 5 14:25 profiles
-rw-r----- 1 root ipa 1799 Nov 19 14:02 registered
-rw-r----- 1 root ipa 3990 Apr 9 1998 syb_formattable
drwxrws--- 2 root ipa 512 Nov 5 14:25 templates
-rw-r----- 1 root ipa 10100 Apr 9 1998 wusage.conf
```

```
/opt/bswd1.0/client/REGISTERED/etc/carts:
total 0
```

```
/opt/bswd1.0/client/REGISTERED/etc/preferences:
total 0
```

```
/opt/bswd1.0/client/REGISTERED/etc/profiles:
total 2
```

```
-rw-r----- 1 root ipa 1551 Apr 9 1998 default.pro
```

```
/opt/bswd1.0/client/REGISTERED/etc/templates:
total 0
```

```
/opt/bswd1.0/client/REGISTERED/tmp:
total 0
```

```
/opt/bswd1.0/client/Thumbnails:
total 0
```

```
/opt/bswd1.0/client/bin:
total 15245
```

```
-rwxr-x--- 1 root ipa 2891264 Nov 30 14:16 BSWDcleaner
-rwxr-x--- 1 root ipa 2804996 Oct 16 10:39 MakePull
-rwxr-x--- 1 root ipa 2671040 Oct 16 10:39 MakeQuery
```

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```

-rwxr-x--- 1 root ipa 2781228 Nov 30 14:16 MinimumInterval
-rwxr-x--- 1 root ipa 454 May 15 1998 check.httpd
-rwxr-x--- 1 root ipa 3058492 Nov 30 14:16 conan
-rwxr----- 1 root ipa 36832 Oct 16 14:08 jivacron
-rwxr-x--- 1 root ipa 818 Nov 10 10:32 monitor
-rwxr-x--- 1 root ipa 1280116 Oct 16 14:08 popper
-rwxr-x--- 1 root ipa 4400 Nov 30 14:16 removeQ
-rwxr-x--- 1 root ipa 4180 Nov 30 14:16 removeQroot
-rwxr----- 1 root ipa 1507 May 15 1998 start.httpd
-rwxr-x--- 1 root ipa 493 Oct 20 10:31 startconan
-rwxr----- 1 root ipa 1023 May 15 1998 stop.httpd
-rwxr-x--- 1 root ipa 213 Nov 5 11:32 tickle_msl
-rwxr-x--- 1 root ipa 150648 Oct 16 14:08 wusage

```

/opt/bswd1.0/client/cgi-bin:

total 114671

```

-rwxr-x--- 1 root ipa 2094736 Nov 30 14:17 Backside
-rwxr-x--- 1 root ipa 1922580 Nov 30 14:16 BroadswordClient
drwxr-x--- 2 root ipa 512 May 26 1998 CSIL
-rwxr-x--- 1 root ipa 2412592 Nov 30 14:16 CatGetIDF
-rwxr-x--- 1 root ipa 2412472 Nov 30 14:16 CatGetNitf
-rwxr-x--- 1 root ipa 2434112 Nov 30 14:16 CatManMain
-rwxr-x--- 1 root ipa 2417800 Nov 30 14:16 CatManMain2
-rwxr-x--- 1 root ipa 2473420 Nov 30 14:16 CatParseIDF
-rwxr-x--- 1 root ipa 2473820 Nov 30 14:16 CatParseNitf
-rwxr-x--- 1 root ipa 2467804 Nov 30 14:16 CatTemplateMaint
-rwxr-x--- 1 root ipa 2390400 Nov 30 14:16 CatalogFrames
-rwxr-x--- 1 root ipa 3153516 Nov 30 14:16 CatalogStatus
-rwxr-x--- 1 root ipa 2414232 Nov 30 14:16 CatalogTabs
-rwxr-x--- 1 root ipa 2065160 Nov 30 14:17 ConSites
-rwxr-x--- 1 root ipa 2079984 Nov 30 14:17 DEconfig
-rwxr-x--- 1 root ipa 1932264 Nov 30 14:17 DaemonMng
-rwxr-x--- 1 root ipa 1934668 Nov 30 14:17 DeliveryOptPrefs
-rwxr-x--- 1 root ipa 2662324 Nov 30 14:17 EditCart
-rwxr-x--- 1 root ipa 1961288 Nov 30 14:17 EmailNewPrefs
-rwxr-x--- 1 root ipa 1971284 Nov 30 14:17 Feedback
-rwxr-x--- 1 root ipa 2076016 Nov 30 14:17 GKconfig
-rwxr-x--- 1 root ipa 2041028 Nov 30 14:17 GenPrefs
-rwxr-x--- 1 root ipa 2427416 Nov 30 14:17 GetFiles
-rwxr-x--- 1 root ipa 1933428 Nov 30 14:17 InfoSuppPrefs
-rwxr-x--- 1 root ipa 2115348 Nov 30 14:17 IssoMaint
-rwxr-x--- 1 root ipa 709136 Nov 30 14:17 Logout
lrwxrwxrwx 1 root ipa 7 Nov 30 14:19 Maps -> ../Maps
-rwxr-x--- 1 root ipa 2072484 Nov 30 14:17 Navigation
-rwxr-x--- 1 root ipa 2809892 Nov 30 14:17 OrderStatus
-rwxr-x--- 1 root ipa 1908684 Nov 30 14:17 PrefTabs
-rwxr-x--- 1 root ipa 1906820 Nov 30 14:17 Preferences
-rwxr-x--- 1 root ipa 2686388 Nov 30 14:17 ProfNotif
-rwxr-x--- 1 root ipa 579520 Nov 30 14:17 ProfileLogin
-rwxr-x--- 1 root ipa 2684388 Nov 30 14:17 PullProduct
-rwxr-x--- 1 root ipa 1920752 Nov 30 14:17 Qmaintenance
-rwxr-x--- 1 root ipa 2072336 Nov 30 14:17 QryFieldLink
-rwxr-x--- 1 root ipa 2072312 Nov 30 14:17 QryFields
-rwxr-x--- 1 root ipa 241312 Nov 30 14:17 Qstats
-rwxr-x--- 1 root ipa 1942772 Nov 30 14:17 RemotePrefs
-rwxr-x--- 1 root ipa 2087040 Nov 30 14:17 Reset
-rwxr-x--- 1 root ipa 2952764 Nov 30 14:17 Results
-rwxr-x--- 1 root ipa 1933372 Nov 30 14:17 ResultsPrefs
-rwxr-x--- 1 root ipa 2670612 Nov 30 14:17 ResultsTop
-rwxr-x--- 1 root ipa 2684748 Nov 30 14:17 SResults
-rwxr-x--- 1 root ipa 2489516 Nov 30 14:17 SearchTools

```

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```
-rwxr-x--- 1 root ipa 1939700 Nov 30 14:17 SearchToolsPrefs
-rwxr-x--- 1 root ipa 2075872 Nov 30 14:17 SetDebugFlags
-rwxr-x--- 1 root ipa 2805960 Nov 30 14:17 ShoppingCart
-rwxr-x--- 1 root ipa 582884 Oct 16 10:40 SqlCgi
-rwxr-x--- 1 root ipa 2045620 Nov 30 14:17 SysConfig
-rwxr-x--- 1 root ipa 1907532 Nov 30 14:17 SysConfigTabs
-rwxr-x--- 1 root ipa 1917440 Nov 30 14:17 SysLogInfo
-rwxr-x--- 1 root ipa 1907360 Nov 30 14:17 SysStatTabs
-rwxr-x--- 1 root ipa 1907456 Nov 30 14:17 SysStatus
-rwxr-x--- 1 root ipa 589052 Nov 30 14:17 TargetWindow
-rwxr-x--- 1 root ipa 587964 Nov 30 14:17 TitleBarFrame
-rwxr-x--- 1 root ipa 1908620 Nov 30 14:17 TopBar
-rwxr-x--- 1 root ipa 2076984 Nov 30 14:17 UserMaint
-rwxr-x--- 1 root ipa 589300 Nov 30 14:17 UserMaintFrame
-rwxr-x--- 1 root ipa 2063312 Nov 30 14:17 ViewConanLog
-rwxr-x--- 1 root ipa 5512 Nov 30 14:17 counter
-rwxr-x--- 1 root ipa 290104 Oct 16 10:40 mapTestex
```

/opt/bswd1.0/client/cgi-bin/CSIL:
total 0

/opt/bswd1.0/client/docs:
total 1116

```
-rw-r----- 1 root ipa 4004 Apr 30 1998 About.html
drwxr-x--- 3 root ipa 512 Nov 5 14:39 CSIL
-rw-r----- 1 root ipa 1752 Apr 9 1998 DeliveryOptPrefs.html
-rw-r----- 1 root ipa 1802 Apr 9 1998 EmailNewPrefs.html
-rw-r----- 1 root ipa 1857 Apr 9 1998 EmailNotificationPrefs.html
-rw-r----- 1 root ipa 3644 Jun 24 15:01 Feedback.gif
-rw-r----- 1 root ipa 1261 Apr 9 1998 Feedback.html
-rw-r----- 1 root ipa 1802 Apr 9 1998 GenPrefs.html
-rw-r----- 1 root ipa 1752 Apr 9 1998 InfoSuppPrefs.html
-rw-r----- 1 root ipa 687 Apr 9 1998 IntelNotAvail.html
-rw-r----- 1 root ipa 3768 Jun 24 15:01 IntelinkCentral.gif
-rw-r----- 1 root ipa 1768 Apr 9 1998 ListNewPrefs.html
lrwxrwxrwx 1 root ipa 7 Nov 30 14:24 Maps -> ../Maps
-rw-r----- 1 root ipa 804 Jun 22 15:25 NoStatsYet.html
-rw-r----- 1 root ipa 1116 Apr 9 1998 ProdSuppPrefs.html
-rw-r----- 1 root ipa 3972 Jun 24 15:01 ProjBswdHome.gif
-rw-r----- 1 root ipa 34957 Apr 9 1998 Qstart2.html
-rw-r----- 1 root ipa 3840 Jun 24 15:01 QuickStart.gif
-rw-r----- 1 root ipa 1752 Apr 9 1998 SearchToolsPrefs.html
-rw-r----- 1 root ipa 3593 Jun 24 15:01 Support.gif
-rw-r----- 1 root ipa 3111 Nov 5 14:39 Support.html
-rw-r----- 1 root ipa 210 Sep 15 10:29 TargetWdwNote.html
-rw-r----- 1 root ipa 15348 Jun 24 15:01 TitleLeft.gif
-rw-r----- 1 root ipa 93772 Jun 24 15:01 TitleMiddle.gif
-rw-r----- 1 root ipa 10997 Jun 24 15:01 TitleRightP.gif
drwxr-x--- 2 root ipa 512 Nov 5 14:28 UserGuide
-rw-r----- 1 root ipa 3677 Jun 24 15:01 UserGuide.gif
-rw-r----- 1 root ipa 247420 Apr 9 1998 bnf.pdf
-rwxr-x--- 1 root ipa 799 Apr 9 1998 broad.htm
-rwxr-x--- 1 root ipa 828 Apr 9 1998 broad2.htm
-rwxr-x--- 1 root ipa 271 Apr 9 1998 client.htm
drwxr-x--- 2 root ipa 1024 Nov 5 14:33 demos
-rwxr-x--- 1 root ipa 1392 Apr 9 1998 finder.dat
drwxr-x--- 2 root ipa 6144 Nov 5 14:33 gifs
drwxr-x--- 19 root ipa 512 Nov 24 17:37 guide
drwxr-x--- 2 root ipa 3584 Nov 24 17:37 help
-rwxr-x--- 1 root ipa 542 Apr 9 1998 index.htm
-rwxr-x--- 1 root ipa 2914 Oct 20 16:28 index.shtml
```

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```
-rwxr-x--- 1 root ipa 2329 Oct 20 16:28 index.shtml.P
-rwxr-x--- 1 root ipa 2329 Oct 20 16:28 index.shtml.R
-rw-r----- 1 root ipa 197329 Apr 9 1998 iostream.ps
-rw-r----- 1 root ipa 395858 Apr 9 1998 libg++.ps
-rwxr-x--- 1 root ipa 84 Apr 9 1998 main.htm
-rwxr-x--- 1 root ipa 1395 Apr 9 1998 nav.htm
-rw-r----- 1 root ipa 332 Apr 9 1998 not_avail.html
-rwxr-x--- 1 root ipa 267 Apr 9 1998 preference.htm
-rwxr-x--- 1 root ipa 320 Apr 9 1998 preferencemenu.htm
-rwxr-x--- 1 root ipa 1263 Apr 9 1998 prefmain.htm
-rw-r----- 1 root ipa 4768 Nov 24 15:02 quickstart.html
-rwxr-x--- 1 root ipa 987 Apr 9 1998 search.htm
-rw-r----- 1 root ipa 323 Apr 9 1998 test.html
drwxr-s--- 2 root ipa 512 Nov 5 14:28 tmp
-rwxr-x--- 1 root ipa 128 Apr 9 1998 top.htm
```

/opt/bswd1.0/client/docs/CSIL:

total 1

```
drwxr-x--- 2 root ipa 512 Nov 5 14:39 info
```

/opt/bswd1.0/client/docs/CSIL/info:

total 0

/opt/bswd1.0/client/docs/UserGuide:

total 0

/opt/bswd1.0/client/docs/demos:

total 194512

```
-rwxr-x--- 1 root ipa 11462833 Sep 28 12:08 ADV.MOV
-rwxr-x--- 1 root ipa 3426699 Sep 28 12:08 ASSREP.MOV
-rwxr-x--- 1 root ipa 5218597 Sep 28 12:08 CARTCSIL.MOV
-rwxr-x--- 1 root ipa 3070514 Sep 28 12:08 CARTIDEX.MOV
-rwxr-x--- 1 root ipa 6032009 Sep 28 12:08 CARTIPL5D.MOV
-rwxr-x--- 1 root ipa 1138802 Sep 28 12:08 CATIPL.MOV
-rwxr-x--- 1 root ipa 1140010 Sep 28 12:08 CATNITF.MOV
-rwxr-x--- 1 root ipa 4553918 Sep 28 13:04 CATSTAT.MOV
-rwxr-x--- 1 root ipa 1473614 Sep 28 12:08 CATTEMP.MOV
-rwxr-x--- 1 root ipa 5605479 Sep 28 12:08 CONFIG.MOV
-rwxr-x--- 1 root ipa 5605479 Sep 28 12:08 CONFIGUR.MOV
-rwxr-x--- 1 root ipa 2564001 Sep 28 12:08 CSILGR.MOV
-rwxr-x--- 1 root ipa 4284648 Sep 28 10:34 DATE.MOV
-rwxr-x--- 1 root ipa 4955268 Sep 28 12:08 DEFINE.MOV
-rwxr-x--- 1 root ipa 4955268 Sep 28 12:08 DEFINESE.MOV
-rwxr-x--- 1 root ipa 1154197 Sep 28 12:51 DISPLAY.MOV
-rwxr-x--- 1 root ipa 4530813 Sep 28 12:09 ECSIL.MOV
-rwxr-x--- 1 root ipa 2599331 Sep 28 12:09 EIDEX.MOV
-rwxr-x--- 1 root ipa 1728228 Sep 28 12:09 EIDEXGR.MOV
-rwxr-x--- 1 root ipa 1277461 Sep 28 12:50 ELECTRON.MOV
-rwxr-x--- 1 root ipa 4697916 Sep 28 13:24 EQUIP.MOV
-rwxr-x--- 1 root ipa 4697916 Sep 28 13:24 EQUIPMEN.MOV
-rwxr-x--- 1 root ipa 3472588 Sep 28 12:09 EVENT.MOV
-rwxr-x--- 1 root ipa 2105544 Sep 28 12:49 FIND.MOV
-rwxr-x--- 1 root ipa 7168656 Sep 28 12:09 GENE.MOV
-rwxr-x--- 1 root ipa 10496658 Sep 28 12:45 GEOMAP.MOV
-rwxr-x--- 1 root ipa 6638865 Sep 28 12:48 GEOTEXT.MOV
-rwxr-x--- 1 root ipa 5072983 Sep 28 12:44 IMAGE.MOV
-rwxr-x--- 1 root ipa 9739843 Sep 28 12:44 IMAGERY.MOV
-rwxr-x--- 1 root ipa 1478448 Sep 28 12:09 INTRO.MOV
-rwxr-x--- 1 root ipa 2989510 Sep 28 13:31 IPL5D.MOV
-rwxr-x--- 1 root ipa 1669571 Sep 28 13:34 IPL5DGR.MOV
-rwxr-x--- 1 root ipa 3812431 Sep 30 14:09 KEYWORD.MOV
```

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-rwxr-x---	1	root	ipa	3668575	Sep	28	12:42	MAIN.MOV
-rwxr-x---	1	root	ipa	4715445	Sep	28	12:42	ORDERSTAT.MOV
-rwxr-x---	1	root	ipa	1093783	Sep	28	12:41	OTHER.MOV
-rwxr-x---	1	root	ipa	2751694	Sep	30	12:10	PERSON.MOV
-rwxr-x---	1	root	ipa	5181058	Sep	30	13:33	PRODUCT.MOV
-rwxr-x---	1	root	ipa	9824381	Sep	30	10:34	PROFILE.MOV
-rwxr-x---	1	root	ipa	4547840	Sep	28	13:04	REGISTRA.MOV
-rwxr-x---	1	root	ipa	3454772	Sep	30	12:09	REQORG.MOV
-rwxr-x---	1	root	ipa	5891565	Sep	28	12:39	RESULTS.MOV
-rwxr-x---	1	root	ipa	2336785	Sep	30	14:09	SECTION.MOV
-rwxr-x---	1	root	ipa	5644531	Sep	28	12:37	SHORT.MOV
-rwxr-x---	1	root	ipa	4052394	Sep	28	10:39	TARGET.MOV
-rwxr-x---	1	root	ipa	4628795	Sep	28	13:03	WHERE.MOV

/opt/bswd1.0/client/docs/gifs:

total 1282

-rw-r-----	1	root	ipa	3339	Apr	9	1998	497new.gif
-rwxr-x---	1	root	ipa	3070	Apr	9	1998	5d.gif
-rw-r-----	1	root	ipa	5119	Apr	9	1998	AFRL.gif
-rw-r-----	1	root	ipa	1144	May	6	1998	Administration.gif
-rw-r-----	1	root	ipa	960	May	2	1998	AuditLogs.gif
-rw-r-----	1	root	ipa	11809	Apr	9	1998	BAH_Logo.gif
-rw-r-----	1	root	ipa	913	Apr	9	1998	BLANK1.gif
-rw-r-----	1	root	ipa	905	Apr	9	1998	BLANK2.gif
-rw-r-----	1	root	ipa	87023	Apr	9	1998	BSWDAnim.gif
-rw-r-----	1	root	ipa	1096	Apr	9	1998	Backside.gif
-rw-r-----	1	root	ipa	1087	Apr	9	1998	BacksideActive.gif
-rwxr-x---	1	root	ipa	2650	Apr	9	1998	Bah_logo4.gif
-rw-r-----	1	root	ipa	36681	Apr	9	1998	BannerFeed.gif
-rwxr-x---	1	root	ipa	6006	Apr	9	1998	BannerNew.gif
-rw-r-----	1	root	ipa	37871	Apr	9	1998	BannerSup.gif
-rw-r-----	1	root	ipa	1058	Oct	14	11:05	BatchDeferred.gif
-rw-r-----	1	root	ipa	1057	Oct	14	11:05	BatchDeferredActive.gif
-rw-r-----	1	root	ipa	1042	Apr	9	1998	CatIDF.gif
-rw-r-----	1	root	ipa	953	Apr	9	1998	CatMan.gif
-rw-r-----	1	root	ipa	1110	Apr	9	1998	CatManAssRpt.gif
-rw-r-----	1	root	ipa	1105	Apr	9	1998	CatManAssRptActive.gif
-rw-r-----	1	root	ipa	1110	Sep	2	14:23	CatManAssRptGreen.gif
-rw-r-----	1	root	ipa	1110	Apr	9	1998	CatManAssRptRed.gif
-rw-r-----	1	root	ipa	1039	Apr	9	1998	CatManEquip.gif
-rw-r-----	1	root	ipa	1031	Apr	9	1998	CatManEquipActive.gif
-rw-r-----	1	root	ipa	1039	Sep	2	14:23	CatManEquipGreen.gif
-rw-r-----	1	root	ipa	1039	Apr	9	1998	CatManEquipRed.gif
-rw-r-----	1	root	ipa	986	Apr	9	1998	CatManEvent.gif
-rw-r-----	1	root	ipa	980	Apr	9	1998	CatManEventActive.gif
-rw-r-----	1	root	ipa	986	Sep	2	14:23	CatManEventGreen.gif
-rw-r-----	1	root	ipa	986	Apr	9	1998	CatManEventRed.gif
-rw-r-----	1	root	ipa	992	Apr	9	1998	CatManImage.gif
-rw-r-----	1	root	ipa	986	Apr	9	1998	CatManImageActive.gif
-rw-r-----	1	root	ipa	992	Sep	2	14:23	CatManImageGreen.gif
-rw-r-----	1	root	ipa	992	Apr	9	1998	CatManImageRed.gif
-rw-r-----	1	root	ipa	1024	Apr	9	1998	CatManKeyword.gif
-rw-r-----	1	root	ipa	1017	Apr	9	1998	CatManKeywordActive.gif
-rw-r-----	1	root	ipa	1024	Sep	2	14:23	CatManKeywordGreen.gif
-rw-r-----	1	root	ipa	1024	Apr	9	1998	CatManKeywordRed.gif
-rw-r-----	1	root	ipa	987	Apr	9	1998	CatManMain.gif
-rw-r-----	1	root	ipa	981	Apr	9	1998	CatManMainActive.gif
-rw-r-----	1	root	ipa	987	Sep	2	14:23	CatManMainGreen.gif
-rw-r-----	1	root	ipa	987	Apr	9	1998	CatManMainRed.gif
-rw-r-----	1	root	ipa	998	Apr	9	1998	CatManPerson.gif
-rw-r-----	1	root	ipa	990	Apr	9	1998	CatManPersonActive.gif

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-rw-r-----	1	root	ipa	998	Sep	2	14:23	CatManPersonGreen.gif
-rw-r-----	1	root	ipa	998	Apr	9	1998	CatManPersonRed.gif
-rw-r-----	1	root	ipa	1007	Apr	9	1998	CatManProd.gif
-rw-r-----	1	root	ipa	1000	Apr	9	1998	CatManProdActive.gif
-rw-r-----	1	root	ipa	1007	Sep	2	14:23	CatManProdGreen.gif
-rw-r-----	1	root	ipa	1007	Apr	9	1998	CatManProdRed.gif
-rw-r-----	1	root	ipa	1166	Apr	9	1998	CatManReqOrg.gif
-rw-r-----	1	root	ipa	1160	Apr	9	1998	CatManReqOrgActive.gif
-rw-r-----	1	root	ipa	1166	Sep	2	14:23	CatManReqOrgGreen.gif
-rw-r-----	1	root	ipa	1166	Apr	9	1998	CatManReqOrgRed.gif
-rw-r-----	1	root	ipa	1006	Apr	9	1998	CatManSection.gif
-rw-r-----	1	root	ipa	997	Apr	9	1998	CatManSectionActive.gif
-rw-r-----	1	root	ipa	1006	Sep	2	14:23	CatManSectionGreen.gif
-rw-r-----	1	root	ipa	1006	Apr	9	1998	CatManSectionRed.gif
-rw-r-----	1	root	ipa	999	Apr	9	1998	CatManTarget.gif
-rw-r-----	1	root	ipa	992	Apr	9	1998	CatManTargetActive.gif
-rw-r-----	1	root	ipa	999	Sep	2	14:23	CatManTargetGreen.gif
-rw-r-----	1	root	ipa	999	Apr	9	1998	CatManTargetRed.gif
-rw-r-----	1	root	ipa	1036	Apr	11	1998	CatNITF.gif
-rw-r-----	1	root	ipa	994	Apr	9	1998	CatStat.gif
-rw-r-----	1	root	ipa	1008	Apr	9	1998	CatTemplate.gif
-rw-r-----	1	root	ipa	1003	Apr	9	1998	Catalog.gif
-rw-r-----	1	root	ipa	995	Apr	9	1998	CatalogActive.gif
-rw-r-----	1	root	ipa	1082	Apr	9	1998	ConSites.gif
-rw-r-----	1	root	ipa	1071	Apr	9	1998	ConSitesActive.gif
-rw-r-----	1	root	ipa	1185	Aug	18	09:06	DEconfig.gif
-rw-r-----	1	root	ipa	1184	Aug	18	09:06	DEconfigActive.gif
-rw-r-----	1	root	ipa	1073	Apr	9	1998	DaemonMng.gif
-rw-r-----	1	root	ipa	1070	Apr	9	1998	DaemonMngActive.gif
-rw-r-----	1	root	ipa	1021	Oct	14	10:57	DeferredResults.gif
-rw-r-----	1	root	ipa	1097	Apr	9	1998	DeliveryOptPrefs.gif
-rw-r-----	1	root	ipa	1089	Apr	9	1998	DeliveryOptPrefsActive.gif
-rw-r-----	1	root	ipa	1117	Apr	9	1998	Diagnostics.gif
-rw-r-----	1	root	ipa	1109	Apr	9	1998	DiagnosticsActive.gif
-rw-r-----	1	root	ipa	3594	Apr	9	1998	EditGroup.gif
-rw-r-----	1	root	ipa	1076	Oct	14	11:05	EmailDeferred.gif
-rw-r-----	1	root	ipa	1071	Oct	14	11:05	EmailDeferredActive.gif
-rw-r-----	1	root	ipa	1100	Apr	9	1998	EmailNewPrefs.gif
-rw-r-----	1	root	ipa	1092	Apr	9	1998	EmailNewPrefsActive.gif
-rw-r-----	1	root	ipa	1100	Apr	9	1998	EmailNotificationPrefs.gif
-rw-r-----	1	root	ipa	1092	Apr	9	1998	EmailNotificationPrefsActive.gif
-rw-r-----	1	root	ipa	9010	Apr	9	1998	Error.gif
-rw-r-----	1	root	ipa	3644	Apr	9	1998	Feedback.gif
-rwxr-x---	1	root	ipa	5162	Apr	9	1998	GDE_Main_Image.jpg
-rw-r-----	1	root	ipa	1116	May	18	1998	GKconfig.gif
-rw-r-----	1	root	ipa	1111	May	18	1998	GKconfigActive.gif
-rw-r-----	1	root	ipa	1004	Apr	9	1998	GenPrefs.gif
-rw-r-----	1	root	ipa	997	Apr	9	1998	GenPrefsActive.gif
-rw-r-----	1	root	ipa	1026	May	2	1998	ISSO.gif
-rw-r-----	1	root	ipa	1041	May	4	1998	InfoSuppPrefs.gif
-rw-r-----	1	root	ipa	1040	May	4	1998	InfoSuppPrefsActive.gif
-rw-r-----	1	root	ipa	7205	May	4	1998	Information.gif
-rw-r-----	1	root	ipa	3768	May	4	1998	IntelinkCentral.gif
-rw-r-----	1	root	ipa	1026	May	4	1998	Isso.gif
-rw-r-----	1	root	ipa	960	May	4	1998	IssoMaint.gif
-rw-r-----	1	root	ipa	842	Apr	13	1998	Left.gif
-rw-r-----	1	root	ipa	841	Apr	13	1998	LeftActive.gif
-rwxr-x---	1	root	ipa	7370	Nov	5	14:39	LeftHeader.gif
-rw-r-----	1	root	ipa	826	Apr	9	1998	Line.gif
-rw-r-----	1	root	ipa	1150	Apr	9	1998	ListNew.gif
-rw-r-----	1	root	ipa	1073	Apr	9	1998	ListNewPrefs.gif

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-rw-r-----	1	root	ipa	1064	Apr	9	1998	ListNewPrefsActive.gif
-rw-r-----	1	root	ipa	3678	Apr	9	1998	Logout.gif
-rw-r-----	1	root	ipa	1176	Sep	2	14:23	Mand.gif
-rw-r-----	1	root	ipa	1160	Apr	9	1998	NITFProduct.gif
-rw-r-----	1	root	ipa	3746	Apr	9	1998	OnlineDemo.gif
-rw-r-----	1	root	ipa	973	Apr	9	1998	OrderStatus.gif
-rw-r-----	1	root	ipa	1225	Apr	9	1998	OtherProducts.gif
-rw-r-----	1	root	ipa	1074	Apr	9	1998	ProdSuppPrefs.gif
-rw-r-----	1	root	ipa	1064	Apr	9	1998	ProdSuppPrefsActive.gif
-rw-r-----	1	root	ipa	1022	Apr	9	1998	ProfileNotification.gif
-rw-r-----	1	root	ipa	3972	Apr	9	1998	ProjBswdHome.gif
-rw-r-----	1	root	ipa	1112	Apr	16	1998	Qmaintenance.gif
-rw-r-----	1	root	ipa	1107	Apr	16	1998	QmaintenanceActive.gif
-rw-r-----	1	root	ipa	1057	Apr	9	1998	QryFields.gif
-rw-r-----	1	root	ipa	1048	Apr	9	1998	QryFieldsActive.gif
-rw-r-----	1	root	ipa	7963	Apr	9	1998	Question.gif
-rw-r-----	1	root	ipa	3840	Apr	9	1998	QuickStart.gif
-rw-r-----	1	root	ipa	1099	Aug	18	09:23	RemotePrefs.gif
-rw-r-----	1	root	ipa	1096	Aug	18	09:23	RemotePrefsActive.gif
-rw-r-----	1	root	ipa	1101	Apr	9	1998	Reset.gif
-rw-r-----	1	root	ipa	1099	Apr	9	1998	ResetActive.gif
-rw-r-----	1	root	ipa	1057	Apr	9	1998	ResultsPrefs.gif
-rw-r-----	1	root	ipa	1045	Apr	9	1998	ResultsPrefsActive.gif
-rw-r-----	1	root	ipa	845	Apr	13	1998	Right.gif
-rw-r-----	1	root	ipa	843	Apr	13	1998	RightActive.gif
-rw-r-----	1	root	ipa	1009	Oct	14	10:57	SavedSearches.gif
-rw-r-----	1	root	ipa	976	Apr	9	1998	SearchTools.gif
-rw-r-----	1	root	ipa	1048	Apr	9	1998	SearchToolsPrefs.gif
-rw-r-----	1	root	ipa	1041	Apr	9	1998	SearchToolsPrefsActive.gif
-rw-r-----	1	root	ipa	1078	May	6	1998	Searching.gif
-rw-r-----	1	root	ipa	1100	Apr	16	1998	SetDebugFlags.gif
-rw-r-----	1	root	ipa	1088	Apr	16	1998	SetDebugFlagsActive.gif
-rw-r-----	1	root	ipa	997	Apr	9	1998	ShoppingCart.gif
-rw-r-----	1	root	ipa	17574	Apr	9	1998	StoneWall.gif
-rw-r-----	1	root	ipa	5004	Apr	9	1998	StoneWall2.gif
-rw-r-----	1	root	ipa	3593	Apr	9	1998	Support.gif
-rw-r-----	1	root	ipa	1052	Apr	16	1998	SysLogInfo.gif
-rw-r-----	1	root	ipa	1049	Apr	16	1998	SysLogInfoActive.gif
-rw-r-----	1	root	ipa	990	Apr	9	1998	SystemConfig.gif
-rw-r-----	1	root	ipa	1026	Apr	9	1998	SystemStatistics.gif
-rw-r-----	1	root	ipa	989	Apr	9	1998	SystemStatus.gif
-rw-r-----	1	root	ipa	15348	Apr	9	1998	TitleLeft.gif
-rw-r-----	1	root	ipa	93772	Apr	9	1998	TitleMiddle.gif
-rw-r-----	1	root	ipa	10631	Apr	9	1998	TitleRight.gif
-rw-r-----	1	root	ipa	10997	Apr	9	1998	TitleRightP.gif
-rw-r-----	1	root	ipa	11005	Apr	9	1998	TitleRightR.gif
-rw-r-----	1	root	ipa	3677	Apr	9	1998	UserGuide.gif
-rw-r-----	1	root	ipa	1021	Apr	9	1998	UserMaint.gif
-rw-r-----	1	root	ipa	8663	Apr	9	1998	Warning.gif
-rwxr-x---	1	root	ipa	23570	Apr	9	1998	_banner.gif
-rwxr-x---	1	root	ipa	6863	Aug	10	14:44	afrl.gif
-rwxr-x---	1	root	ipa	5491	Apr	9	1998	amhs.gif
-rwxr-x---	1	root	ipa	462	Apr	9	1998	anypro.gif
-rw-r-----	1	root	ipa	948	Oct	2	14:23	arrow_begin.gif
-rw-r-----	1	root	ipa	953	Oct	2	14:23	arrow_end.gif
-rw-r-----	1	root	ipa	929	Oct	2	14:23	arrow_next.gif
-rw-r-----	1	root	ipa	926	Oct	2	14:23	arrow_prev.gif
-rw-r-----	1	root	ipa	1317	Apr	9	1998	audio.gif
-rwxr-x---	1	root	ipa	861	Apr	9	1998	ball.gif
-rw-r-----	1	root	ipa	21694	Apr	9	1998	banner.gif
-rw-r-----	1	root	ipa	802	Oct	2	14:23	blue.gif

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-rw-r-----	1	root	ipa	161	Apr	9	1998	blueball.gif
-rw-r-----	1	root	ipa	6798	Apr	9	1998	buttonTest.gif
-rw-r-----	1	root	ipa	7602	May	13	1998	callisto.gif
-rw-r-----	1	root	ipa	1102	May	7	1998	cataloging.gif
-rw-r-----	1	root	ipa	843	Apr	9	1998	checkmark.gif
-rwxr-x---	1	root	ipa	489	Apr	9	1998	config.gif
-rwxr-x---	1	root	ipa	4845	Apr	9	1998	csil.gif
-rwxr-x---	1	root	ipa	1875	Apr	9	1998	demo.gif
-rw-r-----	1	root	ipa	3755	Apr	30	1998	ftl.gif
-rwxr-x---	1	root	ipa	627	Apr	9	1998	general2.gif
-rwxr-x---	1	root	ipa	1826	Apr	9	1998	help.gif
-rwxr-x---	1	root	ipa	1176	Apr	9	1998	helpbut.gif
-rwxr-x---	1	root	ipa	1082	Apr	9	1998	home.gif
-rw-r-----	1	root	ipa	878	Apr	9	1998	home_bkg.gif
-rwxr-x---	1	root	ipa	4496	Apr	9	1998	idex.gif
-rwxr-x---	1	root	ipa	4634	Apr	9	1998	iess.gif
-rw-r-----	1	root	ipa	1194	Apr	9	1998	image.gif
-rw-r-----	1	root	ipa	7271	May	13	1998	io.gif
-rwxr-x---	1	root	ipa	2797	Apr	9	1998	ipl.gif
-rw-r-----	1	root	ipa	3188	Apr	30	1998	ittlogo.gif
-rwxr-x---	1	root	ipa	6394	Apr	9	1998	jiva.gif
-rw-r-----	1	root	ipa	79	Apr	9	1998	leftarrow.gif
-rw-r-----	1	root	ipa	1315	Apr	9	1998	login.gif
-rwxr-x---	1	root	ipa	2100	Apr	9	1998	logo2.gif
-rw-r-----	1	root	ipa	0	Apr	9	1998	ls
-rw-r-----	1	root	ipa	17624	Apr	9	1998	marble.gif
-rwxr-x---	1	root	ipa	4791	Apr	9	1998	midb.gif
-rwxr-x---	1	root	ipa	4207	Apr	9	1998	nds.gif
-rw-r-----	1	root	ipa	1265	Apr	9	1998	new.gif
-rwxr-x---	1	root	ipa	482	Apr	9	1998	nitf.gif
-rw-r-----	1	root	ipa	1279	Apr	9	1998	noThumb.gif
-rw-r-----	1	root	ipa	1051	Jun	15	11:28	no_logo.gif
-rw-r-----	1	root	ipa	854	Apr	9	1998	no_new.gif
-rwxr-x---	1	root	ipa	1694	Apr	9	1998	no_thumb.gif
-rw-r-----	1	root	ipa	1353	Apr	9	1998	other.gif
-rwxr-x---	1	root	ipa	418	Apr	9	1998	pref.gif
-rwxr-x---	1	root	ipa	1017	Apr	9	1998	productset.gif
-rwxr-x---	1	root	ipa	491	Apr	9	1998	prostatus.gif
-rw-r-----	1	root	ipa	51	Apr	9	1998	red.gif
-rw-r-----	1	root	ipa	79	Apr	9	1998	rightarrow.gif
-rwxr-x---	1	root	ipa	3007	Apr	9	1998	rl_trans.gif
-rw-r-----	1	root	ipa	806	Oct	2	14:23	scrollbar.gif
-rwxr-x---	1	root	ipa	1270	Apr	9	1998	searchex.gif
-rwxr-x---	1	root	ipa	447	Apr	9	1998	searchtools.gif
-rwxr-x---	1	root	ipa	512	Apr	9	1998	shopping.gif
-rw-r-----	1	root	ipa	7370	May	13	1998	sun.gif
-rwxr-x---	1	root	ipa	6145	Apr	9	1998	synectics_small_logo3.gif
-rwxr-x---	1	root	ipa	481	Apr	9	1998	system.gif
-rw-r-----	1	root	ipa	156	Apr	9	1998	tetra.gif
-rw-r-----	1	root	ipa	1303	Apr	9	1998	text.gif
-rwxr-x---	1	root	ipa	46386	Apr	9	1998	title.gif
-rwxr-x---	1	root	ipa	250234	Apr	9	1998	titleani.gif
-rwxr-x---	1	root	ipa	26461	Apr	9	1998	top.gif
-rwxr-x---	1	root	ipa	9675	Apr	9	1998	topbar.gif
-rw-r-----	1	root	ipa	43	Oct	2	14:23	trans_dot.gif
-rw-r-----	1	root	ipa	1534	Apr	9	1998	video.gif
-rwxr-x---	1	root	ipa	584	Apr	9	1998	viewnav.gif
-rwxr-x---	1	root	ipa	1025	Apr	9	1998	viewnew.gif
-rw-r-----	1	root	ipa	91698	Apr	9	1998	welcome.gif

/opt/bswd1.0/client/docs/guide:

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```
total 67
drwxr-x--- 2 root ipa 512 Nov 5 14:28 Append1
drwxr-x--- 2 root ipa 512 Nov 24 17:37 Append2
drwxr-x--- 2 root ipa 512 Nov 24 17:37 Append3
drwxr-x--- 2 root ipa 512 Nov 24 17:37 Append4
drwxr-x--- 2 root ipa 512 Nov 5 14:28 Append5
-rw-r----- 1 root ipa 14712 Nov 24 11:18 BStoc2.html
-rw-r----- 1 root ipa 494 Nov 23 11:15 BSumFrame.html
-rw-r----- 1 root ipa 851 Sep 24 08:20 BSwelcome.html
-rw-r----- 1 root ipa 9717 Sep 30 11:50 BannerUser.gif
drwxr-x--- 2 root ipa 512 Nov 24 17:37 Chap1
drwxr-x--- 2 root ipa 512 Nov 24 17:37 Chap10
drwxr-x--- 2 root ipa 512 Nov 24 17:37 Chap11
drwxr-x--- 2 root ipa 512 Nov 24 17:37 Chap2
drwxr-x--- 2 root ipa 1024 Nov 24 17:37 Chap3
drwxr-x--- 2 root ipa 512 Nov 24 17:37 Chap4
drwxr-x--- 2 root ipa 512 Nov 24 17:37 Chap5
drwxr-x--- 2 root ipa 512 Nov 24 17:37 Chap6
drwxr-x--- 2 root ipa 512 Nov 24 17:37 Chap7
drwxr-x--- 2 root ipa 1024 Nov 24 17:37 Chap8
drwxr-x--- 6 root ipa 512 Nov 24 17:37 Chap9
drwxr-x--- 2 root ipa 512 Nov 24 13:43 ISSO
-rw-r----- 1 root ipa 13027 Nov 23 11:15 KnownProblems.html
-rw-r----- 1 root ipa 9717 Sep 30 11:50 THEBanner.gif

/opt/bswd1.0/client/docs/guide/Append1:
total 21
-rw-r----- 1 root ipa 20758 Jun 12 16:42 Append1.html

/opt/bswd1.0/client/docs/guide/Append2:
total 18
-rw-r----- 1 root ipa 17961 Nov 24 11:18 Append2.html

/opt/bswd1.0/client/docs/guide/Append3:
total 25
-rw-r----- 1 root ipa 25521 Nov 24 11:18 Append3.html

/opt/bswd1.0/client/docs/guide/Append4:
total 208
-rw-r----- 1 root ipa 196747 Nov 24 15:30 Append4.html

/opt/bswd1.0/client/docs/guide/Append5:
total 3
-rw-r----- 1 root ipa 2926 Sep 28 13:13 Append5.html

/opt/bswd1.0/client/docs/guide/Chap1:
total 234
-rw-r----- 1 root ipa 68860 Sep 30 11:56 AfLogin.gif
-rw-r----- 1 root ipa 2427 Jul 2 13:44 AudioPlayers.html
-rw-r----- 1 root ipa 2102 Nov 24 14:54 Chap1.html
-rw-r----- 1 root ipa 3274 Nov 23 11:15 DocumentViewers.html
-rw-r----- 1 root ipa 1457 Nov 23 11:15 FTPServers.html
-rw-r----- 1 root ipa 5270 Nov 23 11:15 HTMLBrowsers.html
-rw-r----- 1 root ipa 3152 Nov 23 11:15 HelperConfig.html
-rw-r----- 1 root ipa 7380 Jul 2 13:44 ImageViewers.html
-rw-r----- 1 root ipa 118821 Sep 30 11:56 Login.gif
-rw-r----- 1 root ipa 3670 Jul 2 13:44 MPEGPlayers.html
-rw-r----- 1 root ipa 3431 Jul 2 13:44 QuicktimePlayers.html

/opt/bswd1.0/client/docs/guide/Chap10:
total 5
```

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```
-rw-r----- 1 root ipa 4566 Nov 23 11:15 Chap10.html

/opt/bswd1.0/client/docs/guide/Chap11:
total 136
-rw-r----- 1 root ipa 5284 Nov 24 11:23 AuditLogMaintISSO.html
-rw-r----- 1 root ipa 7805 Oct 9 14:20 ISSOAddArchive.gif
-rw-r----- 1 root ipa 7950 Oct 9 14:20 ISSOEventRequest.gif
-rw-r----- 1 root ipa 13071 Oct 9 14:20 ISSOEventRpt.gif
-rw-r----- 1 root ipa 38667 Nov 20 11:06 ISSOLogMaint.gif
-rw-r----- 1 root ipa 12340 Oct 9 14:20 ISSORemoveArchiveA.gif
-rw-r----- 1 root ipa 51008 Oct 9 14:20 ISSORemoveArchiveB.gif
```

```
/opt/bswd1.0/client/docs/guide/Chap2:
total 169
-rwxr-x--- 1 root ipa 21694 Sep 30 11:56 Banner.gif
-rw-r----- 1 root ipa 597 Jul 2 13:50 Chap2.html
-rw-r----- 1 root ipa 127240 Nov 18 15:14 FrontPage3.gif
-rw-r----- 1 root ipa 1290 Jul 2 13:49 FuncBasedOnRole.html
-rw-r----- 1 root ipa 1736 Nov 18 14:15 Login.html
-rw-r----- 1 root ipa 2595 Nov 18 14:15 RoleIndFunc.html
-rwxr-x--- 1 root ipa 2309 Sep 30 11:56 Roles.gif
```

```
/opt/bswd1.0/client/docs/guide/Chap3:
total 186
-rw-r----- 1 root ipa 1064 Nov 18 15:58 Chap3.html
-rwxr-x--- 1 root ipa 4863 Sep 30 11:56 DefSer.gif
-rw-r----- 1 root ipa 20258 Nov 18 16:11 Default.gif
-rwxr-x--- 1 root ipa 3196 Sep 30 11:56 DelOpElect.gif
-rwxr-x--- 1 root ipa 3403 Sep 30 11:56 DelOpOther.gif
-rw-r----- 1 root ipa 2211 Nov 23 11:15 DeliveryOptions.html
-rwxr-x--- 1 root ipa 9477 Sep 30 11:56 EmailGenPro1.gif
-rwxr-x--- 1 root ipa 6752 Sep 30 11:56 EmailGenPro2.gif
-rwxr-x--- 1 root ipa 3511 Sep 30 11:56 EmailProMain.gif
-rwxr-x--- 1 root ipa 5562 Sep 30 11:56 GenDisp.gif
-rwxr-x--- 1 root ipa 5650 Sep 30 11:56 GenReg.gif
-rw-r----- 1 root ipa 3629 Nov 24 11:18 General.html
-rwxr-x--- 1 root ipa 9311 Sep 30 11:56 InfoImage.gif
-rw-r----- 1 root ipa 3911 Nov 18 15:58 InfoSupport.html
-rw-r----- 1 root ipa 3306 Nov 24 16:08 ResultsPage.html
-rw-r----- 1 root ipa 56451 Nov 18 15:58 RevResults.gif
-rwxr-x--- 1 root ipa 8500 Sep 30 11:56 RevResults1.gif
-rwxr-x--- 1 root ipa 5453 Sep 30 11:56 RevResults2.gif
-rw-r----- 1 root ipa 8051 Nov 23 11:15 SearchTools.html
-rwxr-x--- 1 root ipa 8959 Sep 30 11:56 SerWhereWhat.gif
-rw-r----- 1 root ipa 4701 Nov 24 14:26 StandingQuery.html
```

```
/opt/bswd1.0/client/docs/guide/Chap4:
total 402
-rw-r----- 1 root ipa 1371 Nov 23 11:15 Chap4.html
-rw-r----- 1 root ipa 22599 Sep 30 11:56 Find.gif
-rw-r----- 1 root ipa 12088 Nov 23 11:15 Find.html
-rw-r----- 1 root ipa 16784 Sep 30 11:56 FindPlane.gif
-rw-r----- 1 root ipa 44857 Sep 30 11:56 FindResults.gif
-rw-r----- 1 root ipa 4124 Sep 30 11:56 GeoCombo.gif
-rw-r----- 1 root ipa 34167 Sep 30 11:56 GeoFindText1.gif
-rw-r----- 1 root ipa 30351 Sep 30 11:56 GeoMap.gif
-rw-r----- 1 root ipa 26206 Sep 30 11:56 GeoQueryText1.gif
-rw-r----- 1 root ipa 16230 Sep 30 11:56 GeoQueryText2.gif
-rw-r----- 1 root ipa 32842 Nov 18 16:30 GeoText1.gif
-rw-r----- 1 root ipa 10097 Nov 18 16:30 GeoText2.gif
-rw-r----- 1 root ipa 14604 Nov 24 15:38 Geographic.html
```

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-rw-r-----	1	root	ipa	18538	Nov	24	11:18	Query.html
-rw-r-----	1	root	ipa	9897	Sep	30	11:56	QueryAF1.gif
-rw-r-----	1	root	ipa	5053	Sep	30	11:56	QueryAF2.gif
-rw-r-----	1	root	ipa	55153	Sep	30	11:56	QuerySF1Data.gif
-rw-r-----	1	root	ipa	42957	Sep	30	11:56	QuerySF2Data.gif
-rw-r-----	1	root	ipa	4142	Nov	23	11:15	Results.html

/opt/bswd1.0/client/docs/guide/Chap5:

total 184

-rw-r-----	1	root	ipa	1945	Nov	23	11:15	CartCSIL.html
-rw-r-----	1	root	ipa	1829	Nov	23	11:15	CartIDEX.html
-rw-r-----	1	root	ipa	1831	Nov	23	11:15	CartIPL5D.html
-rw-r-----	1	root	ipa	1409	Oct	9	13:33	Chap5.html
-rw-r-----	1	root	ipa	5767	Nov	24	11:28	Edit5D.html
-rw-r-----	1	root	ipa	5117	Nov	23	11:15	Edit5DGR.html
-rw-r-----	1	root	ipa	3681	Nov	24	11:28	EditCSIL.html
-rw-r-----	1	root	ipa	1405	Nov	23	11:15	EditCSILGR.html
-rw-r-----	1	root	ipa	6985	Nov	23	11:15	EditIDEX.html
-rw-r-----	1	root	ipa	4899	Nov	23	11:15	EditIDEXGR.html
-rw-r-----	1	root	ipa	14209	Sep	30	11:56	Grp_CSIL.gif
-rw-r-----	1	root	ipa	15377	Sep	30	11:56	Grp_IPL.gif
-rw-r-----	1	root	ipa	15898	Sep	30	11:56	Ind_CSIL.gif
-rw-r-----	1	root	ipa	11848	Sep	30	11:56	Ind_CSIL3.gif
-rw-r-----	1	root	ipa	5710	Sep	30	11:56	Ind_CSIL4.gif
-rw-r-----	1	root	ipa	11142	Sep	30	11:56	Ind_IDEX.gif
-rw-r-----	1	root	ipa	13288	Sep	30	11:56	Ind_IDEX2.gif
-rw-r-----	1	root	ipa	25309	Sep	30	11:56	Ind_IPL.gif
-rw-r-----	1	root	ipa	7036	Sep	30	11:56	Ind_IPL2.gif
-rw-r-----	1	root	ipa	26857	Sep	30	11:56	Shopping_Cart.gif

/opt/bswd1.0/client/docs/guide/Chap6:

total 24

-rw-r-----	1	root	ipa	5880	Nov	23	11:15	Chap6.html
-rw-r-----	1	root	ipa	17654	Sep	30	11:56	OrderStatus.gif

/opt/bswd1.0/client/docs/guide/Chap7:

total 142

-rw-r-----	1	root	ipa	4072	Nov	20	17:02	Chap7.html
-rw-r-----	1	root	ipa	17654	Sep	30	11:56	OrderStatus.gif
-rw-r-----	1	root	ipa	109846	Nov	20	17:02	ProNot.gif

/opt/bswd1.0/client/docs/guide/Chap8:

total 800

-rw-r-----	1	root	ipa	7488	Oct	2	09:09	AIDerror.gif
-rw-r-----	1	root	ipa	3145	Nov	23	12:58	ARCat.html
-rw-r-----	1	root	ipa	31275	Nov	20	15:06	AssReports.gif
-rw-r-----	1	root	ipa	14887	Nov	20	15:06	AsscReports.gif
-rw-r-----	1	root	ipa	1479	Oct	2	09:09	AutoInputDir.html
-rw-r-----	1	root	ipa	12941	Sep	30	11:57	CatalogStatus.gif
-rw-r-----	1	root	ipa	2061	Nov	24	14:36	CatalogStatus.html
-rw-r-----	1	root	ipa	1427	Nov	20	10:14	Chap8.html
-rw-r-----	1	root	ipa	5536	Nov	23	12:58	EquipCat.html
-rw-r-----	1	root	ipa	3724	Nov	23	12:58	EvntCat.html
-rw-r-----	1	root	ipa	38098	Sep	30	11:57	Fig1.gif
-rw-r-----	1	root	ipa	12837	Nov	20	10:25	IPLDataFile.gif
-rw-r-----	1	root	ipa	2605	Nov	23	12:58	IPLDataFile.html
-rw-r-----	1	root	ipa	111247	Nov	20	15:06	Image1.gif
-rw-r-----	1	root	ipa	16173	Nov	20	15:07	ImageCat.html
-rw-r-----	1	root	ipa	3166	Nov	23	12:58	KWCat.html
-rw-r-----	1	root	ipa	11147	Nov	23	12:58	MainCat.html
-rw-r-----	1	root	ipa	2074	Nov	20	10:14	Manually.html

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```
-rw-r----- 1 root ipa 3343 Nov 23 12:58 NITFHeader.html
-rw-r----- 1 root ipa 12976 Nov 20 10:09 NitfCat.gif
-rw-r----- 1 root ipa 4173 Nov 23 12:58 PersonCat.html
-rw-r----- 1 root ipa 7265 Nov 23 12:58 ProdCat.html
-rw-r----- 1 root ipa 3232 Nov 23 12:58 ReqOrgCat.html
-rw-r----- 1 root ipa 3359 Nov 23 12:58 SecCat.html
-rw-r----- 1 root ipa 17147 Sep 30 11:57 Template.gif
-rw-r----- 1 root ipa 1832 Nov 23 12:58 Template.html
-rw-r----- 1 root ipa 5834 Nov 23 12:58 TrgtCat.html
-rw-r----- 1 root ipa 39646 Nov 20 15:06 eq.gif
-rw-r----- 1 root ipa 19222 Nov 20 15:06 event.gif
-rw-r----- 1 root ipa 53857 Nov 20 15:06 globe.gif
-rw-r----- 1 root ipa 96314 Nov 20 15:06 imagel.gif
-rw-r----- 1 root ipa 56625 Nov 20 15:06 image2.gif
-rw-r----- 1 root ipa 14064 Nov 20 15:06 key.gif
-rw-r----- 1 root ipa 29362 Nov 20 15:06 person.gif
-rw-r----- 1 root ipa 63373 Nov 20 15:06 prod.gif
-rw-r----- 1 root ipa 14610 Nov 20 15:07 regorg.gif
-rw-r----- 1 root ipa 24143 Nov 20 15:07 sec.gif
-rw-r----- 1 root ipa 35680 Nov 20 15:07 tar.gif
```

/opt/bswd1.0/client/docs/guide/Chap9:

total 10

```
-rw-r----- 1 root ipa 3264 Nov 23 11:15 Chap9.html
drwxr-x--- 2 root ipa 2560 Nov 24 17:37 System_Config
drwxr-x--- 2 root ipa 512 Nov 24 17:37 System_Statistics
drwxr-x--- 2 root ipa 512 Nov 24 17:37 System_Status
drwxr-x--- 2 root ipa 512 Nov 24 17:37 User_Maintenance
```

/opt/bswd1.0/client/docs/guide/Chap9/System_Config:

total 974

```
-rw-r----- 1 root ipa 86258 Nov 20 15:29 BacksideSources.gif
-rw-r----- 1 root ipa 2834 Sep 30 11:57 ConnectedSites.gif
-rw-r----- 1 root ipa 18052 Sep 30 11:57 QryConfigEquip.gif
-rw-r----- 1 root ipa 3734 Nov 23 10:00 QryConfigEquipment.html
-rw-r----- 1 root ipa 13081 Sep 30 11:57 QryConfigEvent.gif
-rw-r----- 1 root ipa 2262 Jun 25 14:44 QryConfigEvent.html
-rw-r----- 1 root ipa 11561 Sep 30 11:57 QryConfigImage.gif
-rw-r----- 1 root ipa 13380 Nov 23 10:00 QryConfigImage.html
-rw-r----- 1 root ipa 12306 Sep 30 11:57 QryConfigKeyword.gif
-rw-r----- 1 root ipa 1399 Jun 19 13:49 QryConfigKeyword.html
-rw-r----- 1 root ipa 15204 Sep 30 11:57 QryConfigPerson.gif
-rw-r----- 1 root ipa 2451 Jun 25 14:44 QryConfigPerson.html
-rw-r----- 1 root ipa 9103 Sep 30 11:57 QryConfigProd.gif
-rw-r----- 1 root ipa 13116 Nov 23 10:00 QryConfigProd.html
-rw-r----- 1 root ipa 17280 Sep 30 11:57 QryConfigTarget.gif
-rw-r----- 1 root ipa 4384 Jun 25 14:44 QryConfigTarget.html
-rw-r----- 1 root ipa 27413 Nov 23 10:30 SetEmailParm.gif
-rw-r----- 1 root ipa 54220 Nov 23 10:30 SetIPLCatParm.gif
-rw-r----- 1 root ipa 26054 Sep 30 11:57 SysConfigAdd5D.gif
-rw-r----- 1 root ipa 3686 Sep 25 15:30 SysConfigAdd5DSourceAdmin.html
-rw-r----- 1 root ipa 39680 Sep 30 11:57 SysConfigAddAMHS.gif
-rw-r----- 1 root ipa 3534 Jun 24 13:43 SysConfigAddAMHSSourceAdmin.html
-rw-r----- 1 root ipa 43119 Sep 30 11:57 SysConfigAddIESS.gif
-rw-r----- 1 root ipa 7483 Nov 18 13:09 SysConfigAddIESSSourceAdmin.html
-rw-r----- 1 root ipa 14624 Sep 30 11:57 SysConfigAddIPA.gif
-rw-r----- 1 root ipa 4180 Jun 24 11:19 SysConfigAddIPASourceAdmin.html
-rw-r----- 1 root ipa 15411 Sep 30 11:57 SysConfigAddIPL.gif
-rw-r----- 1 root ipa 15796 Sep 30 11:57 SysConfigAddIPL20.gif
-rw-r----- 1 root ipa 4061 Nov 23 10:00 SysConfigAddIPL20SourceAdmin.html
-rw-r----- 1 root ipa 4167 Oct 16 15:52 SysConfigAddIPLSourceAdmin.html
```

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```

-rw-r----- 1 root ipa 15518 Sep 30 11:57 SysConfigAddMIDB.gif
-rw-r----- 1 root ipa 3924 Jun 24 13:43 SysConfigAddMIDBSourceAdmin.html
-rw-r----- 1 root ipa 19335 Sep 30 11:57 SysConfigAddNDS.gif
-rw-r----- 1 root ipa 4183 Jun 24 11:19 SysConfigAddNDSSourceAdmin.html
-rw-r----- 1 root ipa 3233 Jun 24 13:43 SysConfigBacksideSourcesAdmin.html
-rw-r----- 1 root ipa 1378 Jun 19 15:50 SysConfigConnSitesAdmin.html
-rw-r----- 1 root ipa 4379 Nov 23 10:00 SysConfigDEConfigAdmin.html
-rw-r----- 1 root ipa 40862 Sep 30 11:57 SysConfigDataElemA.gif
-rw-r----- 1 root ipa 44715 Sep 30 11:57 SysConfigDataElemB.gif
-rw-r----- 1 root ipa 9591 Sep 30 11:57 SysConfigEdit5D.gif
-rw-r----- 1 root ipa 2898 Jun 19 13:49 SysConfigEdit5DSourceAdmin.html
-rw-r----- 1 root ipa 6103 Sep 30 11:57 SysConfigEditAMHS.gif
-rw-r----- 1 root ipa 2597 Jun 19 13:49 SysConfigEditAMHSSourceAdmin.html
-rw-r----- 1 root ipa 26031 Sep 30 11:57 SysConfigEditIESS.gif
-rw-r----- 1 root ipa 13502 Sep 30 11:57 SysConfigEditIESS1.gif
-rw-r----- 1 root ipa 4001 Jun 25 14:44 SysConfigEditIESSSourceAdmin.html
-rw-r----- 1 root ipa 19806 Sep 30 11:57 SysConfigEditIPA.gif
-rw-r----- 1 root ipa 3246 Jun 24 11:19 SysConfigEditIPASourceAdmin.html
-rw-r----- 1 root ipa 20990 Sep 30 11:57 SysConfigEditIPL.gif
-rw-r----- 1 root ipa 21221 Sep 30 11:57 SysConfigEditIPL20.gif
-rw-r----- 1 root ipa 3150 Nov 23 10:00 SysConfigEditIPL20SourceAdmin.html
-rw-r----- 1 root ipa 3246 Jun 24 11:19 SysConfigEditIPLSourceAdmin.html
-rw-r----- 1 root ipa 10143 Sep 30 11:57 SysConfigEditMIDB.gif
-rw-r----- 1 root ipa 2992 Jun 24 13:43 SysConfigEditMIDBSourceAdmin.html
-rw-r----- 1 root ipa 14178 Sep 30 11:57 SysConfigEditNDS.gif
-rw-r----- 1 root ipa 3248 Jun 24 11:19 SysConfigEditNDSSourceAdmin.html
-rw-r----- 1 root ipa 19211 Oct 14 11:57 SysConfigGK.gif
-rw-r----- 1 root ipa 1507 Oct 2 09:43 SysConfigGKConfigAdmin.html
-rw-r----- 1 root ipa 37886 Sep 30 11:57 SysConfigInstalledSources.gif
-rw-r----- 1 root ipa 12212 Sep 30 11:57 SysConfigResetCounter.gif
-rw-r----- 1 root ipa 1204 Jun 19 13:49 SysConfigResetCounterAdmin.html
-rw-r----- 1 root ipa 860 Jun 19 13:49 SysConfigResetSysParamsAdmin.html
-rw-r----- 1 root ipa 42109 Sep 30 11:57 SysConfigSetEmailNotification.gif
-rw-r----- 1 root ipa 45179 Nov 23 10:06 SysConfigSetSysParams.gif
-rw-r----- 1 root ipa 4427 Nov 24 11:17 SysConfigSetSysParamsAdmin.html
-rw-r----- 1 root ipa 5029 Sep 30 11:57 installed.gif

```

/opt/bswd1.0/client/docs/guide/Chap9/System_Statistics:

total 53

```

-rwxr-x--- 1 root ipa 3138 Nov 23 11:15 Stats.html
-rw-r----- 1 root ipa 50099 Sep 30 11:57 SysStats.gif

```

/opt/bswd1.0/client/docs/guide/Chap9/System_Status:

total 185

```

-rw-r----- 1 root ipa 37871 Sep 30 11:57 BannerSup.gif
-rw-r----- 1 root ipa 3254 Jun 19 14:26 Support.html
-rw-r----- 1 root ipa 37437 Sep 30 11:57 SysStatDaemon.gif
-rw-r----- 1 root ipa 7185 Nov 23 11:15 SysStatDaemonMgmtAdmin.html
-rw-r----- 1 root ipa 8043 Sep 30 11:57 SysStatDebug.gif
-rw-r----- 1 root ipa 34054 Sep 30 11:57 SysStatQueue.gif
-rw-r----- 1 root ipa 8267 Nov 23 11:15 SysStatQueueMaintAdmin.html
-rw-r----- 1 root ipa 2884 Nov 23 11:15 SysStatSetDebugFlagsAdmin.html
-rw-r----- 1 root ipa 40511 Sep 30 11:57 SysStatSysLog.gif
-rw-r----- 1 root ipa 4283 Jun 19 13:49 SysStatSysLogInfoAdmin.html

```

/opt/bswd1.0/client/docs/guide/Chap9/User_Maintenance:

total 149

```

-rw-r----- 1 root ipa 13532 Nov 20 12:49 UserMaintA.gif
-rw-r----- 1 root ipa 7151 Nov 23 11:15 UserMaintAdmin.html
-rw-r----- 1 root ipa 114774 Nov 20 12:49 UserMaintB.gif

```

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/opt/bswd1.0/client/docs/guide/ISSO:

total 92

-r--r-----	1	root	ipa	7805	Oct	9	15:35	ISSOAddArchive.gif
-r--r-----	1	root	ipa	7950	Oct	9	15:35	ISSOEventRequest.gif
-r--r-----	1	root	ipa	13071	Oct	9	15:35	ISSOEventRpt.gif
-r--r-----	1	root	ipa	12340	Oct	9	15:35	ISSORemoveArchiveA.gif
-r--r-----	1	root	ipa	51008	Oct	9	15:35	ISSORemoveArchiveB.gif

/opt/bswd1.0/client/docs/help:

total 668

-rw-r-----	1	root	ipa	3232	Jun	17	12:31	ARCat.html
-rw-r-----	1	root	ipa	4747	May	27	1998	AuditLogMaintISSO.html
-rw-r-----	1	root	ipa	2320	Jun	23	13:27	CartCSIL.html
-rw-r-----	1	root	ipa	2215	May	7	1998	CartIDEX.html
-rw-r-----	1	root	ipa	2222	May	7	1998	CartIPL5D.html
-rw-r-----	1	root	ipa	2024	May	7	1998	CatStat.html
-rw-r-----	1	root	ipa	2108	May	7	1998	CatalogStat.html
-rw-r-----	1	root	ipa	2988	Jun	16	13:38	ConfigHelp.html
-rw-r-----	1	root	ipa	2211	May	19	1998	DateRanHelp.html
-rw-r-----	1	root	ipa	4779	Jun	9	15:47	DefSearchHelp.html
-rw-r-----	1	root	ipa	1463	Apr	9	1998	DefViewNewProdHelp.html
-rw-r-----	1	root	ipa	1987	Apr	16	1998	DisplayHelp.html
-rw-r-----	1	root	ipa	6043	May	7	1998	Edit5D.html
-rw-r-----	1	root	ipa	5351	May	7	1998	Edit5DGR.html
-rw-r-----	1	root	ipa	3899	May	7	1998	EditCSIL.html
-rw-r-----	1	root	ipa	1615	May	7	1998	EditCSILGR.html
-rw-r-----	1	root	ipa	7228	May	7	1998	EditIDEX.html
-rw-r-----	1	root	ipa	5262	May	7	1998	EditIDEXGR.html
-rw-r-----	1	root	ipa	1583	Oct	28	12:55	ElectDelHelp.html
-rw-r-----	1	root	ipa	5513	Jun	17	12:31	EquipCat.html
-rw-r-----	1	root	ipa	3771	Jun	17	12:31	EvntCat.html
-rw-r-----	1	root	ipa	11441	Sep	29	18:49	FindSearchHelp.html
-rw-r-----	1	root	ipa	4654	Jun	22	14:15	GenModProHelp.html
-rw-r-----	1	root	ipa	6939	May	7	1998	GeographicSearchHelp.html
-rw-r-----	1	root	ipa	2470	Aug	18	14:57	GetFileCat.html
-rw-r-----	1	root	ipa	2433	Oct	16	15:53	IdfCat.html
-rw-r-----	1	root	ipa	15278	Jun	17	12:31	ImageCat.html
-rw-r-----	1	root	ipa	4313	May	28	1998	ImageSupHelp.html
-rwxr-x---	1	root	ipa	4804	May	28	1998	IssoMaint.html
-rw-r-----	1	root	ipa	3191	Jun	17	12:31	KWCat.html
-rw-r-----	1	root	ipa	8839	Oct	16	15:53	MainCat.html
-rw-r-----	1	root	ipa	2198	Aug	19	16:20	MainIPLCat.html
-rw-r-----	1	root	ipa	6492	May	7	1998	MapSearchHelp.html
-rw-r-----	1	root	ipa	3402	Oct	27	11:46	NitfCat.html
-rw-r-----	1	root	ipa	5643	May	7	1998	Order.html
-rw-r-----	1	root	ipa	5541	May	7	1998	OrderStat.html
-rw-r-----	1	root	ipa	1200	May	7	1998	OrderedItems.html
-rw-r-----	1	root	ipa	1410	May	7	1998	OtherDelHelp.html
-rw-r-----	1	root	ipa	4225	Jun	17	12:31	PersonCat.html
-rw-r-----	1	root	ipa	2328	May	7	1998	ProMainHelp.html
-rw-r-----	1	root	ipa	3275	May	7	1998	ProNote.html
-rw-r-----	1	root	ipa	7258	Jun	17	12:31	ProdCat.html
-rwxr-x---	1	root	ipa	1239	Jun	22	14:48	QryConfigEquipment.html
-rwxr-x---	1	root	ipa	1226	Jun	22	14:48	QryConfigEvent.html
-rwxr-x---	1	root	ipa	1212	Jun	22	14:48	QryConfigImage.html
-rwxr-x---	1	root	ipa	1234	Jun	22	14:48	QryConfigKeyword.html
-rwxr-x---	1	root	ipa	1238	Jun	22	14:48	QryConfigPerson.html
-rwxr-x---	1	root	ipa	14024	May	28	1998	QryConfigProd.html
-rwxr-x---	1	root	ipa	1317	Jun	22	14:48	QryConfigProduct.html
-rwxr-x---	1	root	ipa	1187	Jun	22	14:48	QryConfigTarget.html
-rw-r-----	1	root	ipa	10676	Jun	3	1998	QueryAdvancedFormHelp.html

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```

-rw-r----- 1 root ipa 10336 Jun 3 1998 QueryShortFormHelp.html
-rw-r----- 1 root ipa 3067 Oct 28 12:57 RegInfoHelp.html
-rw-r----- 1 root ipa 1908 Aug 24 14:20 RemoteUserData.html
-rw-r----- 1 root ipa 1125 Apr 9 1998 ReportOpsHelp.html
-rw-r----- 1 root ipa 3295 Jun 17 12:31 ReqOrgCat.html
-rw-r----- 1 root ipa 2713 May 7 1998 Results.html
-rw-r----- 1 root ipa 4017 May 7 1998 SearchHelp.html
-rw-r----- 1 root ipa 3426 Jun 17 12:31 SecCat.html
-rw-r----- 1 root ipa 4747 Jun 10 15:37 SourceAcc.html
-rw-r----- 1 root ipa 4006 May 13 1998 SysConfigAdd5DSourceAdmin.html
-rw-r----- 1 root ipa 3705 May 13 1998 SysConfigAddAMHSSourceAdmin.html
-rw-r----- 1 root ipa 5109 May 13 1998 SysConfigAddIESSSourceAdmin.html
-rw-r----- 1 root ipa 4191 Aug 12 12:36 SysConfigAddIPASourceAdmin.html
-rw-r----- 1 root ipa 4234 Aug 12 12:36 SysConfigAddIPL20SourceAdmin.html
-rw-r----- 1 root ipa 4361 Aug 12 12:36 SysConfigAddIPLSourceAdmin.html
-rw-r----- 1 root ipa 4092 May 13 1998 SysConfigAddMIDBSourceAdmin.html
-rw-r----- 1 root ipa 4350 Aug 12 12:36 SysConfigAddNDSSourceAdmin.html
-rw-r----- 1 root ipa 3367 May 13 1998 SysConfigBacksideSourcesAdmin.html
-rw-r----- 1 root ipa 1489 May 28 1998 SysConfigConnSitesAdmin.html
-rw-r----- 1 root ipa 3755 Jun 10 13:57 SysConfigDEconfigAdmin.html
-rw-r----- 1 root ipa 3043 Aug 12 12:36 SysConfigEdit5DSourceAdmin.html
-rw-r----- 1 root ipa 2856 May 13 1998 SysConfigEditAMHSSourceAdmin.html
-rw-r----- 1 root ipa 4090 Nov 18 12:18 SysConfigEditIESSSourceAdmin.html
-rw-r----- 1 root ipa 3359 Aug 12 12:36 SysConfigEditIPASourceAdmin.html
-rw-r----- 1 root ipa 3399 Aug 12 12:36 SysConfigEditIPL20SourceAdmin.html
-rw-r----- 1 root ipa 3359 Aug 12 12:36 SysConfigEditIPLSourceAdmin.html
-rw-r----- 1 root ipa 3242 May 13 1998 SysConfigEditMIDBSourceAdmin.html
-rw-r----- 1 root ipa 3361 Aug 12 12:36 SysConfigEditNDSSourceAdmin.html
-rw-r----- 1 root ipa 1541 Jun 10 13:36 SysConfigGKconfigAdmin.html
-rw-r----- 1 root ipa 1904 Sep 30 16:39 SysConfigResetHomepgCounterAdmin.html
-rw-r----- 1 root ipa 3172 Sep 30 16:39 SysConfigSetEMailParamsAdmin.html
-rw-r----- 1 root ipa 2731 Oct 27 11:28 SysConfigSetIPLCatInputDirectoryAdmin.html
-rw-r----- 1 root ipa 3632 Sep 30 16:39 SysConfigSetSysParamAdmin.html
-rw-r----- 1 root ipa 6472 Jul 14 10:46 SysStatDaemonMgmtAdmin.html
-rwxr-x--- 1 root ipa 8376 Jun 10 11:30 SysStatQueueMaintAdmin.html
-rw-r----- 1 root ipa 3059 May 21 1998 SysStatSetDebugFlagsAdmin.html
-rw-r----- 1 root ipa 4362 Apr 28 1998 SysStatSysLogInfoAdmin.html
-rw-r----- 1 root ipa 1846 May 7 1998 TemplSaveCat.html
-rw-r----- 1 root ipa 1875 Nov 18 09:29 TemplateCat.html
-rw-r----- 1 root ipa 5874 Jun 17 12:31 TrgtCat.html
-rw-r----- 1 root ipa 2645 Jun 10 15:25 UserAcc.html
-rw-r----- 1 root ipa 6775 Jun 1 1998 UserMaint.html
-rw-r----- 1 root ipa 6775 May 21 1998 UserMaintAdmin.html
-rw-r----- 1 root ipa 2940 Aug 18 14:06 VerifyCat.html
-rw-r----- 1 root ipa 21047 Apr 9 1998 append1.html
-rw-r----- 1 root ipa 5046 Apr 9 1998 append2.html
-rw-r----- 1 root ipa 5591 Apr 9 1998 append3.html
-rw-r----- 1 root ipa 38098 Apr 9 1998 fig1.GIF
-rw-r----- 1 root ipa 61244 Apr 9 1998 fig1.JPG
-rw-r----- 1 root ipa 44978 Apr 9 1998 fig2.GIF
-rw-r----- 1 root ipa 71990 Apr 9 1998 fig2.JPG

```

```

/opt/bswd1.0/client/docs/tmp:
total 0

```

```

/opt/bswd1.0/client/etc:
total 40

```

```

drwxr-x--- 2 root ipa 512 Nov 5 14:33 CSIL
drwxr-x--- 9 root ipa 512 Aug 25 07:39 auto_email
-rw-r----- 1 root ipa 1143 Jun 9 16:34 csil_license.cfg
-rw-r----- 1 root ipa 1360 Nov 24 14:43 default.pro

```

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```
-rw-r----- 1 root ipa 66 Jul 15 10:29 env_vars_lookup
-rw-r----- 1 root ipa 3793 Apr 9 1998 formats
-rw-r----- 1 root ipa 2 Nov 5 14:39 http_daemon_settings
-rwxr-x--- 1 root ipa 1120 Aug 13 17:43 jivacrontab
-rw-r----- 1 root ipa 1454 Nov 30 15:15 sys_params.conf
-rw-r----- 1 root ipa 1234 Sep 1 10:59 sys_params.conf.template
-rw-r----- 1 root ipa 70 Jul 15 10:29 sys_params_lookup
-rw-r----- 1 root ipa 10297 Jun 19 15:04 wusage.conf.protected
-rw-r----- 1 root ipa 10119 Apr 20 1998 wusage.conf.registered
```

/opt/bswd1.0/client/etc/CSIL:

total 7

```
-rwxr-x--- 1 root ipa 181 Apr 14 1998 CSIL_key.template
-rw-r----- 1 root ipa 24 Nov 5 14:39 hosts
-rw-r----- 1 root ipa 24 Oct 20 16:28 hosts.template
-rw-r----- 1 root ipa 628 Apr 14 1998 release.IRS
-rw-r----- 1 root ipa 383 Apr 14 1998 release.LANDSAT
-rw-r----- 1 root ipa 635 Apr 14 1998 release.RADARSAT
-rw-r----- 1 root ipa 547 Apr 14 1998 release.SPOT
```

/opt/bswd1.0/client/etc/auto_email:

total 7

```
drwxr-x--- 2 root ipa 512 Nov 12 16:32 config
drwxrws--- 2 root ipa 512 Nov 16 15:13 emn_files
drwxrws--- 2 root ipa 512 Nov 5 15:00 log
drwxr-x--- 2 root ipa 512 Nov 25 12:02 messages
drwxrws--- 2 root ipa 512 Nov 16 15:13 profiles
drwxrws--- 2 root ipa 512 Nov 17 08:37 results
drwxr-x--- 2 root ipa 512 Nov 5 14:33 scripts
```

/opt/bswd1.0/client/etc/auto_email/config:

total 4

```
-rw-r----- 1 root ipa 135 Nov 30 14:00 MI_state_vars
-rw-r----- 1 root ipa 82 May 16 1998 MI_state_vars_NULL
-rwxr-x--- 1 root ipa 130 Apr 16 1998 mi_env_vars
-rw-r----- 1 root ipa 48 Nov 12 16:32 minimum_interval.cfg
```

/opt/bswd1.0/client/etc/auto_email/emn_files:

total 0

/opt/bswd1.0/client/etc/auto_email/log:

total 0

/opt/bswd1.0/client/etc/auto_email/messages:

total 0

/opt/bswd1.0/client/etc/auto_email/profiles:

total 0

/opt/bswd1.0/client/etc/auto_email/results:

total 0

/opt/bswd1.0/client/etc/auto_email/scripts:

total 3

```
-rw-r----- 1 root ipa 242 Jun 26 11:12 pre_MI
-rw-r----- 1 root ipa 44 May 4 1998 run_MI
-rw-r----- 1 root ipa 166 May 4 1998 run_MI_init
```

/opt/bswd1.0/client/icons:

total 0

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/opt/bswd1.0/client/logs:

total 0

/opt/bswd1.0/client/sampleProducts:

total 10771

-rw-r-----	1	root	ipa	1149563	Feb 27	1997	FiveImgs.ntf
-rw-r-----	1	root	ipa	146653	Feb 27	1997	MapTypes.pdf
-rw-r-----	1	root	ipa	1712162	Feb 27	1997	apache.tif
-rw-r-----	1	root	ipa	69630	Feb 27	1997	banchs1.tif
-rw-r-----	1	root	ipa	43699	Feb 27	1997	cl30drop.gif
-rw-r-----	1	root	ipa	264735	Feb 27	1997	carrier.ntf
-rw-r-----	1	root	ipa	1051704	Feb 27	1997	eltoro.ntf
-rw-r-----	1	root	ipa	263004	Feb 27	1997	f16egypt.tif
-rw-r-----	1	root	ipa	90249	Feb 27	1997	fnhguns.tif
-rw-r-----	1	root	ipa	998269	Feb 27	1997	g9wv.mpg
-rw-r-----	1	root	ipa	1055336	Feb 27	1997	galapo.mpg
-rw-r-----	1	root	ipa	167070	Feb 27	1997	heliclimb.bmp
-rw-r-----	1	root	ipa	166800	Feb 27	1997	heligroup.ras
-rw-r-----	1	root	ipa	20760	Feb 27	1997	laugh.au
-rw-r-----	1	root	ipa	52674	Feb 27	1997	laughter.au
-rw-r-----	1	root	ipa	809874	Feb 27	1997	mig29.tga
-rw-r-----	1	root	ipa	533902	Feb 27	1997	refuel.ps
-rw-r-----	1	root	ipa	2502	Oct 27	11:01	sample.IPadata
-rw-r-----	1	root	ipa	24948	Feb 27	1997	sec3_02_minuteman.jpg
-rw-r-----	1	root	ipa	2221260	Feb 27	1997	sr71aftbrn.tif
-rw-r-----	1	root	ipa	21	Feb 27	1997	test.txt
-rw-r-----	1	root	ipa	12920	Feb 27	1997	train.au

/opt/bswd1.0/client/scripts:

total 1

-rwxr-x---	1	root	ipa	101	May 19	1998	MinimumInterval
------------	---	------	-----	-----	--------	------	-----------------

/opt/bswd1.0/client/tmp:

total 1

drwxrws---	2	root	ipa	512	Nov 12	16:01	UserAdmin
------------	---	------	-----	-----	--------	-------	-----------

/opt/bswd1.0/client/tmp/UserAdmin:

total 0

/opt/bswd1.0/client/tmtkv114:

total 213

drwxr-x---	2	root	ipa	512	Nov 5	14:33	config
-rwxr-x---	1	root	ipa	4598	Apr 9	1998	config.cache
-rwxr-x---	1	root	ipa	20370	Apr 9	1998	config.guess
-rwxr-x---	1	root	ipa	6387	Apr 9	1998	config.status
-rwxr-x---	1	root	ipa	19236	Apr 9	1998	config.sub
-rwxr-x---	1	root	ipa	121871	Apr 9	1998	configure
-rwxr-x---	1	root	ipa	9167	Apr 9	1998	configure.in
drwxr-x---	2	root	ipa	512	Nov 5	14:33	demo
-rwxr-x---	1	root	ipa	5585	Apr 9	1998	install-sh
drwxr-x---	5	root	ipa	512	Apr 30	1998	static
-rwxr-x---	1	root	ipa	6709	Nov 9	12:44	tamps.applique
-rwxr-x---	1	root	ipa	860	Apr 9	1998	tmtkv114_README
-rwxr-x---	1	root	ipa	7705	Apr 9	1998	tmtkv114_README.install

/opt/bswd1.0/client/tmtkv114/config:

total 0

/opt/bswd1.0/client/tmtkv114/demo:

total 1199

-rwxr-x---	1	root	ipa	287	Apr 9	1998	.dependencies.gifTest
------------	---	------	-----	-----	-------	------	-----------------------

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```
-rwxr-x--- 1 root ipa 287 Apr 9 1998 .dependencies.mapapi_driver
-rw-r----- 1 root ipa 4383 Apr 9 1998 boxzoomgif.gif
-rwxr-x--- 1 root ipa 304096 Oct 16 14:08 gifTest
-rw-r----- 1 root ipa 4850 Apr 9 1998 giftest1.gif
-rw-r----- 1 root ipa 14590 Apr 9 1998 giftest2.gif
-rwxr-x--- 1 root ipa 2563 Apr 9 1998 hndlgif1.gif
-rwxr-x--- 1 root ipa 30372 Apr 9 1998 hndlgif2.gif
-rwxr-x--- 1 root ipa 546580 Oct 16 14:08 interface
-rwxr-x--- 1 root ipa 245980 Oct 16 14:08 mapapi_driver
-rwxr-x--- 1 root ipa 21985 Apr 9 1998 pangif.gif
-rwxr-x--- 1 root ipa 4557 Apr 9 1998 zoomgif.gif
```

/opt/bswd1.0/client/tmtkv114/static:

total 3

```
drwxr-x--- 3 root ipa 512 Aug 25 07:41 bin
drwxr-x--- 6 root ipa 512 Apr 9 1998 data
drwxr-x--- 2 root ipa 1024 Nov 5 14:34 lib
```

/opt/bswd1.0/client/tmtkv114/static/bin:

total 1

```
drwxr-x--- 2 root ipa 512 Nov 5 14:33 core
```

/opt/bswd1.0/client/tmtkv114/static/bin/core:

total 54

```
-rwxr-x--- 1 root ipa 1014 Sep 18 10:05 map_mvt_server.csh
-rwxr-x--- 1 root ipa 29172 Oct 16 14:08 mvt_parse
-rwxr-x--- 1 root ipa 23052 Oct 16 14:08 mvt_server
-rwxr-x--- 1 root ipa 838 Feb 3 1998 start_mvt_server.csh
```

/opt/bswd1.0/client/tmtkv114/static/data:

total 5

```
drwxr-x--- 2 root ipa 1536 Nov 5 14:33 bitmaps
drwxr-x--- 2 root ipa 512 Nov 5 14:33 defaults
drwxr-x--- 9 root ipa 512 May 20 1998 maps
drwxr-x--- 2 root ipa 512 Nov 5 14:34 messages
```

/opt/bswd1.0/client/tmtkv114/static/data/bitmaps:

total 52

```
-rwxr-x--- 1 root ipa 812 Apr 9 1998 annArrow.btm
-rwxr-x--- 1 root ipa 815 Apr 9 1998 annCircle.btm
-rwxr-x--- 1 root ipa 815 Apr 9 1998 annCursor.btm
-rwxr-x--- 1 root ipa 821 Apr 9 1998 annDrawmode.btm
-rwxr-x--- 1 root ipa 818 Apr 9 1998 annEllipse.btm
-rwxr-x--- 1 root ipa 824 Apr 9 1998 annFillstyle.btm
-rwxr-x--- 1 root ipa 821 Apr 9 1998 annFreehand.btm
-rwxr-x--- 1 root ipa 809 Apr 9 1998 annLine.btm
-rwxr-x--- 1 root ipa 824 Apr 9 1998 annLinestyle.btm
-rwxr-x--- 1 root ipa 806 Apr 9 1998 annLob.btm
-rwxr-x--- 1 root ipa 809 Apr 9 1998 annPick.btm
-rwxr-x--- 1 root ipa 812 Apr 9 1998 annPoint.btm
-rwxr-x--- 1 root ipa 827 Apr 9 1998 annPolyclosed.btm
-rwxr-x--- 1 root ipa 821 Apr 9 1998 annPolyopen.btm
-rwxr-x--- 1 root ipa 824 Apr 9 1998 annRangering.btm
-rwxr-x--- 1 root ipa 824 Apr 9 1998 annRectangle.btm
-rwxr-x--- 1 root ipa 815 Apr 9 1998 annSymbol.btm
-rwxr-x--- 1 root ipa 809 Apr 9 1998 annText.btm
-rwxr-x--- 1 root ipa 287 Apr 9 1998 annotate.xbm
-rwxr-x--- 1 root ipa 293 Apr 9 1998 background.xbm
-rwxr-x--- 1 root ipa 293 Apr 9 1998 boxmag.xbm
-rwxr-x--- 1 root ipa 284 Apr 9 1998 boxzoom.xbm
-rwxr-x--- 1 root ipa 293 Apr 9 1998 clutter.xbm
```

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```
-rwxr-x--- 1 root ipa 1886 Apr 9 1998 console.xbm
-rwxr-x--- 1 root ipa 290 Apr 9 1998 downarrow.xbm
-rwxr-x--- 1 root ipa 272 Apr 9 1998 geo.xbm
-rwxr-x--- 1 root ipa 290 Apr 9 1998 leftarrow.xbm
-rwxr-x--- 1 root ipa 281 Apr 9 1998 legend.xbm
-rwxr-x--- 1 root ipa 287 Apr 9 1998 open_msn.xbm
-rwxr-x--- 1 root ipa 2273 Apr 9 1998 overlay.xbm
-rwxr-x--- 1 root ipa 3299 Apr 9 1998 plotter.xbm
-rwxr-x--- 1 root ipa 302 Apr 9 1998 pointing_hand.xbm
-rwxr-x--- 1 root ipa 287 Apr 9 1998 quick.xbm
-rwxr-x--- 1 root ipa 302 Apr 9 1998 range_bearing.xbm
-rwxr-x--- 1 root ipa 287 Apr 9 1998 recenter.xbm
-rwxr-x--- 1 root ipa 293 Apr 9 1998 rightarrow.xbm
-rwxr-x--- 1 root ipa 287 Apr 9 1998 save_msn.xbm
-rwxr-x--- 1 root ipa 275 Apr 9 1998 test.xbm
-rwxr-x--- 1 root ipa 1886 Apr 9 1998 texttool.xbm
-rwxr-x--- 1 root ipa 284 Apr 9 1998 uparrow.xbm
-rwxr-x--- 1 root ipa 272 Apr 9 1998 vsdicon.xbm
-rwxr-x--- 1 root ipa 281 Apr 9 1998 vsdrelease.xbm
-rwxr-x--- 1 root ipa 278 Apr 9 1998 vsdtarget.xbm
-rwxr-x--- 1 root ipa 281 Apr 9 1998 zoomin.xbm
-rwxr-x--- 1 root ipa 284 Apr 9 1998 zoomout.xbm
```

/opt/bswd1.0/client/tmtkv114/static/data/defaults:

total 3

```
-rwxr-x--- 1 root ipa 2272 Apr 9 1998 dbaTools
```

/opt/bswd1.0/client/tmtkv114/static/data/maps:

total 10

```
drwxr-x--- 2 root ipa 512 Nov 6 15:30 VPFsupport
-rwxr-x--- 1 root ipa 142 Apr 9 1998 color.clr
drwxr-x--- 3 root ipa 512 Apr 9 1998 dcw
drwxr-x--- 2 root ipa 512 Nov 5 14:33 fillstyles
drwxr-x--- 2 root ipa 1024 Nov 5 14:33 find_symbols
drwxr-x--- 3 root ipa 512 Apr 9 1998 symbols
drwxr-x--- 3 root ipa 512 Apr 9 1998 uvmap
drwxr-x--- 2 root ipa 512 Nov 5 14:34 vmaplv1
-rwxr-x--- 1 root ipa 1147 Apr 9 1998 xfonts.fnt
```

/opt/bswd1.0/client/tmtkv114/static/data/maps/VPFsupport:

total 19

```
-rwxr-x--- 1 root ipa 242 Apr 9 1998 GAZETTErules
-rwxr-x--- 1 root ipa 7347 Nov 6 14:36 MAPrules
-rwxr-x--- 1 root ipa 213 Apr 9 1998 VPFdash
-rwxr-x--- 1 root ipa 5681 Nov 6 15:08 VPFfds
-rwxr-x--- 1 root ipa 883 Apr 9 1998 VPFgroup
-rwxr-x--- 1 root ipa 455 Nov 6 15:12 VPFsrc
-rwxr-x--- 1 root ipa 0 Apr 9 1998 installdtg.data
-rwxr-x--- 1 root ipa 958 Apr 9 1998 make_data
```

/opt/bswd1.0/client/tmtkv114/static/data/maps/dcw:

total 4

```
drwxr-x--- 11 root ipa 512 Apr 9 1998 browse
-rwxr-x--- 1 root ipa 1497 Apr 9 1998 dht.
-rwxr-x--- 1 root ipa 407 Apr 9 1998 lat.
```

/opt/bswd1.0/client/tmtkv114/static/data/maps/dcw/browse:

total 17

```
-rwxr-x--- 1 root ipa 723 Apr 9 1998 cat.
drwxr-x--- 2 root ipa 512 Nov 5 14:33 co
drwxr-x--- 2 root ipa 512 Nov 5 14:33 da
```

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```

drwxr-x--- 2 root ipa 512 Nov 5 14:33 dn
-rwxr-x--- 1 root ipa 2603 Apr 9 1998 dqt.
-rwxr-x--- 1 root ipa 16 Apr 9 1998 dqx.
drwxr-x--- 2 root ipa 512 Nov 5 14:33 dv
drwxr-x--- 2 root ipa 512 Nov 5 14:33 gr
-rwxr-x--- 1 root ipa 728 Apr 9 1998 grt.
drwxr-x--- 2 root ipa 512 Nov 5 14:33 in
-rwxr-x--- 1 root ipa 1180 Apr 9 1998 lht.
drwxr-x--- 2 root ipa 512 Nov 5 14:33 libref
drwxr-x--- 2 root ipa 512 Nov 5 14:33 po
drwxr-x--- 2 root ipa 512 Nov 5 14:33 pp

```

/opt/bswd1.0/client/tmtkv114/static/data/maps/dcw/browse/co:

total 871

```

-rwxr-x--- 1 root ipa 2519 Apr 9 1998 coarea.aft
-rwxr-x--- 1 root ipa 20307 Apr 9 1998 ebr.
-rwxr-x--- 1 root ipa 814329 Apr 9 1998 edg.
-rwxr-x--- 1 root ipa 8048 Apr 9 1998 edx.
-rwxr-x--- 1 root ipa 12024 Apr 9 1998 esi.
-rwxr-x--- 1 root ipa 2505 Apr 9 1998 fac.
-rwxr-x--- 1 root ipa 6263 Apr 9 1998 fbr.
-rwxr-x--- 1 root ipa 467 Apr 9 1998 fcs.
-rwxr-x--- 1 root ipa 3416 Apr 9 1998 fsi.
-rwxr-x--- 1 root ipa 514 Apr 9 1998 int.vdt
-rwxr-x--- 1 root ipa 3841 Apr 9 1998 rng.

```

/opt/bswd1.0/client/tmtkv114/static/data/maps/dcw/browse/da:

total 871

```

-rwxr-x--- 1 root ipa 2547 Apr 9 1998 daarea.aft
-rwxr-x--- 1 root ipa 20307 Apr 9 1998 ebr.
-rwxr-x--- 1 root ipa 814329 Apr 9 1998 edg.
-rwxr-x--- 1 root ipa 8048 Apr 9 1998 edx.
-rwxr-x--- 1 root ipa 12024 Apr 9 1998 esi.
-rwxr-x--- 1 root ipa 2505 Apr 9 1998 fac.
-rwxr-x--- 1 root ipa 6263 Apr 9 1998 fbr.
-rwxr-x--- 1 root ipa 481 Apr 9 1998 fcs.
-rwxr-x--- 1 root ipa 3416 Apr 9 1998 fsi.
-rwxr-x--- 1 root ipa 614 Apr 9 1998 int.vdt
-rwxr-x--- 1 root ipa 3841 Apr 9 1998 rng.

```

/opt/bswd1.0/client/tmtkv114/static/data/maps/dcw/browse/dn:

total 79

```

-rwxr-x--- 1 root ipa 435 Apr 9 1998 dnarea.aft
-rwxr-x--- 1 root ipa 1683 Apr 9 1998 dnline.lft
-rwxr-x--- 1 root ipa 4127 Apr 9 1998 ebr.
-rwxr-x--- 1 root ipa 58838 Apr 9 1998 edg.
-rwxr-x--- 1 root ipa 1576 Apr 9 1998 edx.
-rwxr-x--- 1 root ipa 2792 Apr 9 1998 esi.
-rwxr-x--- 1 root ipa 417 Apr 9 1998 fac.
-rwxr-x--- 1 root ipa 1043 Apr 9 1998 fbr.
-rwxr-x--- 1 root ipa 595 Apr 9 1998 fcs.
-rwxr-x--- 1 root ipa 440 Apr 9 1998 fsi.
-rwxr-x--- 1 root ipa 678 Apr 9 1998 int.vdt
-rwxr-x--- 1 root ipa 1093 Apr 9 1998 rng.

```

/opt/bswd1.0/client/tmtkv114/static/data/maps/dcw/browse/dv:

total 886

```

-rwxr-x--- 1 root ipa 2515 Apr 9 1998 dvarea.aft
-rwxr-x--- 1 root ipa 20227 Apr 9 1998 ebr.
-rwxr-x--- 1 root ipa 835319 Apr 9 1998 edg.
-rwxr-x--- 1 root ipa 8016 Apr 9 1998 edx.

```

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-rwxr-x---	1	root	ipa	11992	Apr	9	1998	esi.
-rwxr-x---	1	root	ipa	2505	Apr	9	1998	fac.
-rwxr-x---	1	root	ipa	6263	Apr	9	1998	fbr.
-rwxr-x---	1	root	ipa	462	Apr	9	1998	fcs.
-rwxr-x---	1	root	ipa	3064	Apr	9	1998	fsi.
-rwxr-x---	1	root	ipa	681	Apr	9	1998	int.vdt
-rwxr-x---	1	root	ipa	3841	Apr	9	1998	rng.

/opt/bswd1.0/client/tmtkv114/static/data/maps/dcw/browse/gr:

total 25

-rwxr-x---	1	root	ipa	1619	Apr	9	1998	char.vdt
-rwxr-x---	1	root	ipa	1207	Apr	9	1998	ebr.
-rwxr-x---	1	root	ipa	5318	Apr	9	1998	edg.
-rwxr-x---	1	root	ipa	408	Apr	9	1998	edx.
-rwxr-x---	1	root	ipa	640	Apr	9	1998	esi.
-rwxr-x---	1	root	ipa	257	Apr	9	1998	fac.
-rwxr-x---	1	root	ipa	643	Apr	9	1998	fbr.
-rwxr-x---	1	root	ipa	741	Apr	9	1998	fcs.
-rwxr-x---	1	root	ipa	240	Apr	9	1998	fsi.
-rwxr-x---	1	root	ipa	420	Apr	9	1998	grarea.aft
-rwxr-x---	1	root	ipa	660	Apr	9	1998	grline.lft
-rwxr-x---	1	root	ipa	569	Apr	9	1998	grtext.tft
-rwxr-x---	1	root	ipa	56	Apr	9	1998	grtext.tfx
-rwxr-x---	1	root	ipa	432	Apr	9	1998	int.vdt
-rwxr-x---	1	root	ipa	397	Apr	9	1998	rng.
-rwxr-x---	1	root	ipa	80	Apr	9	1998	tsi.
-rwxr-x---	1	root	ipa	489	Apr	9	1998	txt.
-rwxr-x---	1	root	ipa	56	Apr	9	1998	txx.

/opt/bswd1.0/client/tmtkv114/static/data/maps/dcw/browse/in:

total 916

-rwxr-x---	1	root	ipa	20227	Apr	9	1998	ebr.
-rwxr-x---	1	root	ipa	835554	Apr	9	1998	edg.
-rwxr-x---	1	root	ipa	8016	Apr	9	1998	edx.
-rwxr-x---	1	root	ipa	11992	Apr	9	1998	esi.
-rwxr-x---	1	root	ipa	2505	Apr	9	1998	fac.
-rwxr-x---	1	root	ipa	6263	Apr	9	1998	fbr.
-rwxr-x---	1	root	ipa	596	Apr	9	1998	fcs.
-rwxr-x---	1	root	ipa	3064	Apr	9	1998	fsi.
-rwxr-x---	1	root	ipa	3112	Apr	9	1998	inarea.aft
-rwxr-x---	1	root	ipa	421	Apr	9	1998	int.vdt
-rwxr-x---	1	root	ipa	8371	Apr	9	1998	intext.tft
-rwxr-x---	1	root	ipa	2408	Apr	9	1998	intext.tfx
-rwxr-x---	1	root	ipa	3841	Apr	9	1998	rng.
-rwxr-x---	1	root	ipa	3408	Apr	9	1998	tsi.
-rwxr-x---	1	root	ipa	9476	Apr	9	1998	txt.
-rwxr-x---	1	root	ipa	2408	Apr	9	1998	txx.

/opt/bswd1.0/client/tmtkv114/static/data/maps/dcw/browse/libref:

total 285

-rwxr-x---	1	root	ipa	263186	Apr	9	1998	edg.
-rwxr-x---	1	root	ipa	12328	Apr	9	1998	edx.

/opt/bswd1.0/client/tmtkv114/static/data/maps/dcw/browse/po:

total 383

-rwxr-x---	1	root	ipa	20827	Apr	9	1998	ebr.
-rwxr-x---	1	root	ipa	244035	Apr	9	1998	edg.
-rwxr-x---	1	root	ipa	8256	Apr	9	1998	edx.
-rwxr-x---	1	root	ipa	19936	Apr	9	1998	esi.
-rwxr-x---	1	root	ipa	5673	Apr	9	1998	fac.
-rwxr-x---	1	root	ipa	14183	Apr	9	1998	fbr.

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-rwxr-x---	1	root	ipa	739	Apr	9	1998	fcs.
-rwxr-x---	1	root	ipa	13256	Apr	9	1998	fsi.
-rwxr-x---	1	root	ipa	1718	Apr	9	1998	int.vdt
-rwxr-x---	1	root	ipa	5697	Apr	9	1998	poarea.aft
-rwxr-x---	1	root	ipa	8369	Apr	9	1998	poline.lft
-rwxr-x---	1	root	ipa	6124	Apr	9	1998	potext.tft
-rwxr-x---	1	root	ipa	1392	Apr	9	1998	potext.tfx
-rwxr-x---	1	root	ipa	14797	Apr	9	1998	rng.
-rwxr-x---	1	root	ipa	3064	Apr	9	1998	tsi.
-rwxr-x---	1	root	ipa	5954	Apr	9	1998	txt.
-rwxr-x---	1	root	ipa	1392	Apr	9	1998	txx.

/opt/bswd1.0/client/tmtkv114/static/data/maps/dcw/browse/pp:

total 60

-rwxr-x---	1	root	ipa	4036	Apr	9	1998	end.
-rwxr-x---	1	root	ipa	609	Apr	9	1998	fcs.
-rwxr-x---	1	root	ipa	514	Apr	9	1998	int.vdt
-rwxr-x---	1	root	ipa	5760	Apr	9	1998	nsi.
-rwxr-x---	1	root	ipa	15427	Apr	9	1998	pppoint.pft
-rwxr-x---	1	root	ipa	10338	Apr	9	1998	pptext.tft
-rwxr-x---	1	root	ipa	2568	Apr	9	1998	pptext.tfx
-rwxr-x---	1	root	ipa	5776	Apr	9	1998	tsi.
-rwxr-x---	1	root	ipa	8957	Apr	9	1998	txt.
-rwxr-x---	1	root	ipa	2568	Apr	9	1998	txx.

/opt/bswd1.0/client/tmtkv114/static/data/maps/fillstyles:

total 19

-rwxr-x---	1	root	ipa	878	Apr	9	1998	c_trees
-rwxr-x---	1	root	ipa	934	Apr	9	1998	d_trees
-rwxr-x---	1	root	ipa	1286	Apr	9	1998	fill1trw
-rwxr-x---	1	root	ipa	1436	Apr	9	1998	fill2trw
-rwxr-x---	1	root	ipa	1286	Apr	9	1998	fill3trw
-rwxr-x---	1	root	ipa	1286	Apr	9	1998	fill4trw
-rwxr-x---	1	root	ipa	1436	Apr	9	1998	fill5trw
-rwxr-x---	1	root	ipa	1286	Apr	9	1998	fill6trw
-rwxr-x---	1	root	ipa	924	Apr	9	1998	grass
-rwxr-x---	1	root	ipa	929	Apr	9	1998	m_trees
-rwxr-x---	1	root	ipa	1338	Apr	9	1998	solidtrw
-rwxr-x---	1	root	ipa	96	Apr	9	1998	xfills.dat

/opt/bswd1.0/client/tmtkv114/static/data/maps/find_symbols:

total 32

-rwxr-x---	1	root	ipa	4	Apr	9	1998	NBC.sym
-rwxr-x---	1	root	ipa	43	Apr	9	1998	aaa.sym
-rwxr-x---	1	root	ipa	153	Apr	9	1998	air_defense.sym
-rwxr-x---	1	root	ipa	110	Apr	9	1998	aob.sym
-rwxr-x---	1	root	ipa	92	Apr	9	1998	armor.sym
-rwxr-x---	1	root	ipa	41	Apr	9	1998	artillery.sym
-rwxr-x---	1	root	ipa	6	Apr	9	1998	aviation.sym
-rwxr-x---	1	root	ipa	140	Apr	9	1998	dafif.sym
-rwxr-x---	1	root	ipa	42	Apr	9	1998	engineer.sym
-rwxr-x---	1	root	ipa	135	Apr	9	1998	eob.sym
-rwxr-x---	1	root	ipa	6	Apr	9	1998	facilities.sym
-rwxr-x---	1	root	ipa	520	Apr	9	1998	hwd.sym
-rwxr-x---	1	root	ipa	82	Apr	9	1998	infantry.sym
-rwxr-x---	1	root	ipa	181	Apr	9	1998	milbasicunits.sym
-rwxr-x---	1	root	ipa	119	Apr	9	1998	milinstallrole.sym
-rwxr-x---	1	root	ipa	181	Apr	9	1998	military.sym
-rwxr-x---	1	root	ipa	70	Apr	9	1998	miltrainroute.sym
-rwxr-x---	1	root	ipa	181	Apr	9	1998	milunitrole.sym
-rwxr-x---	1	root	ipa	95	Apr	9	1998	miscellaneous.sym

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-rwxr-x---	1	root	ipa	136	Apr	9	1998	mission_plans.sym
-rwxr-x---	1	root	ipa	8	Apr	9	1998	naval.sym
-rwxr-x---	1	root	ipa	56	Apr	9	1998	radio_navaid.sym
-rwxr-x---	1	root	ipa	467	Apr	9	1998	sam.sym
-rwxr-x---	1	root	ipa	8	Apr	9	1998	screen.sym
-rwxr-x---	1	root	ipa	7	Apr	9	1998	special_forces.sym
-rwxr-x---	1	root	ipa	387	Apr	9	1998	symbols.dat
-rwxr-x---	1	root	ipa	665	Apr	9	1998	units_pmission1.sym
-rwxr-x---	1	root	ipa	665	Apr	9	1998	units_pmission2.sym
-rwxr-x---	1	root	ipa	574	Apr	9	1998	units_pmission3.sym
-rwxr-x---	1	root	ipa	102	Apr	9	1998	visual_points.sym
-rwxr-x---	1	root	ipa	216	Apr	9	1998	wind.sym
-rwxr-x---	1	root	ipa	96	Apr	9	1998	xfills.dat

/opt/bswd1.0/client/tmtkv114/static/data/maps/symbols:

total 10

drwxr-x---	2	root	ipa	9728	Nov	5	14:33	tamps
------------	---	------	-----	------	-----	---	-------	-------

/opt/bswd1.0/client/tmtkv114/static/data/maps/symbols/tamps:

total 487

-rwxr-x---	1	root	ipa	470	Apr	9	1998	BLOOD_HOUND
-rwxr-x---	1	root	ipa	449	Apr	9	1998	CSA1
-rwxr-x---	1	root	ipa	893	Apr	9	1998	E_Div_Arty
-rwxr-x---	1	root	ipa	896	Apr	9	1998	E_InfBnAAST
-rwxr-x---	1	root	ipa	692	Apr	9	1998	FASTT12
-rwxr-x---	1	root	ipa	356	Apr	9	1998	FASTT13
-rwxr-x---	1	root	ipa	356	Apr	9	1998	FASTT20
-rwxr-x---	1	root	ipa	689	Apr	9	1998	FASTT3
-rwxr-x---	1	root	ipa	893	Apr	9	1998	HAPPY_FACE
-rwxr-x---	1	root	ipa	878	Apr	9	1998	HARM_aimpoint
-rwxr-x---	1	root	ipa	239	Apr	9	1998	HARM_seekerturnon
-rwxr-x---	1	root	ipa	893	Apr	9	1998	LAND_TRACK
-rwxr-x---	1	root	ipa	476	Apr	9	1998	NIKE_HERCULES
-rwxr-x---	1	root	ipa	284	Apr	9	1998	PATRIOT
-rwxr-x---	1	root	ipa	452	Apr	9	1998	RBS70
-rwxr-x---	1	root	ipa	275	Apr	9	1998	SA01
-rwxr-x---	1	root	ipa	275	Apr	9	1998	SA02
-rwxr-x---	1	root	ipa	452	Apr	9	1998	SA02B
-rwxr-x---	1	root	ipa	452	Apr	9	1998	SA02C
-rwxr-x---	1	root	ipa	452	Apr	9	1998	SA02D
-rwxr-x---	1	root	ipa	452	Apr	9	1998	SA02E
-rwxr-x---	1	root	ipa	452	Apr	9	1998	SA02F
-rwxr-x---	1	root	ipa	275	Apr	9	1998	SA03
-rwxr-x---	1	root	ipa	452	Apr	9	1998	SA03B
-rwxr-x---	1	root	ipa	452	Apr	9	1998	SA03C
-rwxr-x---	1	root	ipa	275	Apr	9	1998	SA04
-rwxr-x---	1	root	ipa	452	Apr	9	1998	SA04A
-rwxr-x---	1	root	ipa	452	Apr	9	1998	SA04B
-rwxr-x---	1	root	ipa	275	Apr	9	1998	SA05
-rwxr-x---	1	root	ipa	275	Apr	9	1998	SA06
-rwxr-x---	1	root	ipa	452	Apr	9	1998	SA06A
-rwxr-x---	1	root	ipa	452	Apr	9	1998	SA06B
-rwxr-x---	1	root	ipa	275	Apr	9	1998	SA07
-rwxr-x---	1	root	ipa	452	Apr	9	1998	SA07B
-rwxr-x---	1	root	ipa	275	Apr	9	1998	SA08
-rwxr-x---	1	root	ipa	452	Apr	9	1998	SA08A
-rwxr-x---	1	root	ipa	452	Apr	9	1998	SA08B
-rwxr-x---	1	root	ipa	275	Apr	9	1998	SA09
-rwxr-x---	1	root	ipa	449	Apr	9	1998	SA10
-rwxr-x---	1	root	ipa	527	Apr	9	1998	SA10A
-rwxr-x---	1	root	ipa	527	Apr	9	1998	SA10B

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-rwxr-x---	1	root	ipa	527	Apr	9	1998	SA10C
-rwxr-x---	1	root	ipa	275	Apr	9	1998	SA11
-rwxr-x---	1	root	ipa	275	Apr	9	1998	SA12
-rwxr-x---	1	root	ipa	527	Apr	9	1998	SA12A
-rwxr-x---	1	root	ipa	527	Apr	9	1998	SA12B
-rwxr-x---	1	root	ipa	527	Apr	9	1998	SA12C
-rwxr-x---	1	root	ipa	275	Apr	9	1998	SA13
-rwxr-x---	1	root	ipa	527	Apr	9	1998	SA13A
-rwxr-x---	1	root	ipa	527	Apr	9	1998	SA13B
-rwxr-x---	1	root	ipa	275	Apr	9	1998	SA14
-rwxr-x---	1	root	ipa	275	Apr	9	1998	SA15
-rwxr-x---	1	root	ipa	449	Apr	9	1998	SA16
-rwxr-x---	1	root	ipa	449	Apr	9	1998	SA18
-rwxr-x---	1	root	ipa	821	Apr	9	1998	SA6
-rwxr-x---	1	root	ipa	872	Apr	9	1998	SA7
-rwxr-x---	1	root	ipa	872	Apr	9	1998	SA8
-rwxr-x---	1	root	ipa	872	Apr	9	1998	SA9
-rwxr-x---	1	root	ipa	887	Apr	9	1998	SABRE
-rwxr-x---	1	root	ipa	461	Apr	9	1998	SKYGUARD
-rwxr-x---	1	root	ipa	452	Apr	9	1998	SPADA
-rwxr-x---	1	root	ipa	458	Apr	9	1998	STINGER
-rwxr-x---	1	root	ipa	896	Apr	9	1998	aaa_general
-rwxr-x---	1	root	ipa	890	Apr	9	1998	aaa_heavy
-rwxr-x---	1	root	ipa	890	Apr	9	1998	aaa_light
-rwxr-x---	1	root	ipa	893	Apr	9	1998	aaa_medium
-rwxr-x---	1	root	ipa	887	Apr	9	1998	aaa_unit
-rwxr-x---	1	root	ipa	893	Apr	9	1998	aimpoint_sym
-rwxr-x---	1	root	ipa	896	Apr	9	1998	airdef_army
-rwxr-x---	1	root	ipa	899	Apr	9	1998	airdef_basic
-rwxr-x---	1	root	ipa	911	Apr	9	1998	airdef_battalion
-rwxr-x---	1	root	ipa	905	Apr	9	1998	airdef_brigade
-rwxr-x---	1	root	ipa	905	Apr	9	1998	airdef_company
-rwxr-x---	1	root	ipa	899	Apr	9	1998	airdef_corps
-rwxr-x---	1	root	ipa	893	Apr	9	1998	airdef_div
-rwxr-x---	1	root	ipa	890	Apr	9	1998	airdef_hq
-rwxr-x---	1	root	ipa	908	Apr	9	1998	airdef_regiment
-rwxr-x---	1	root	ipa	896	Apr	9	1998	airops_army
-rwxr-x---	1	root	ipa	899	Apr	9	1998	airops_basic
-rwxr-x---	1	root	ipa	911	Apr	9	1998	airops_battalion
-rwxr-x---	1	root	ipa	905	Apr	9	1998	airops_brigade
-rwxr-x---	1	root	ipa	905	Apr	9	1998	airops_company
-rwxr-x---	1	root	ipa	899	Apr	9	1998	airops_corps
-rwxr-x---	1	root	ipa	893	Apr	9	1998	airops_div
-rwxr-x---	1	root	ipa	890	Apr	9	1998	airops_hq
-rwxr-x---	1	root	ipa	908	Apr	9	1998	airops_regiment
-rwxr-x---	1	root	ipa	893	Apr	9	1998	aob_arctic
-rwxr-x---	1	root	ipa	893	Apr	9	1998	aob_bomber
-rwxr-x---	1	root	ipa	920	Apr	9	1998	aob_bomber_capable
-rwxr-x---	1	root	ipa	896	Apr	9	1998	aob_fighter
-rwxr-x---	1	root	ipa	890	Apr	9	1998	aob_fixed
-rwxr-x---	1	root	ipa	902	Apr	9	1998	aob_fixed_000.xbm
-rwxr-x---	1	root	ipa	902	Apr	9	1998	aob_fixed_045.xbm
-rwxr-x---	1	root	ipa	902	Apr	9	1998	aob_fixed_090.xbm
-rwxr-x---	1	root	ipa	902	Apr	9	1998	aob_fixed_135.xbm
-rwxr-x---	1	root	ipa	902	Apr	9	1998	aob_fixed_180.xbm
-rwxr-x---	1	root	ipa	902	Apr	9	1998	aob_fixed_225.xbm
-rwxr-x---	1	root	ipa	902	Apr	9	1998	aob_fixed_270.xbm
-rwxr-x---	1	root	ipa	902	Apr	9	1998	aob_fixed_315.xbm
-rwxr-x---	1	root	ipa	896	Apr	9	1998	aob_general
-rwxr-x---	1	root	ipa	896	Apr	9	1998	aob_primary
-rwxr-x---	1	root	ipa	896	Apr	9	1998	aob_reserve

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-rwxr-x---	1	root	ipa	893	Apr	9	1998	aob_rotary
-rwxr-x---	1	root	ipa	893	Apr	9	1998	armor_army
-rwxr-x---	1	root	ipa	896	Apr	9	1998	armor_basic
-rwxr-x---	1	root	ipa	908	Apr	9	1998	armor_battalion
-rwxr-x---	1	root	ipa	902	Apr	9	1998	armor_brigade
-rwxr-x---	1	root	ipa	902	Apr	9	1998	armor_company
-rwxr-x---	1	root	ipa	896	Apr	9	1998	armor_corps
-rwxr-x---	1	root	ipa	890	Apr	9	1998	armor_div
-rwxr-x---	1	root	ipa	887	Apr	9	1998	armor_hq
-rwxr-x---	1	root	ipa	905	Apr	9	1998	armor_regiment
-rwxr-x---	1	root	ipa	875	Apr	9	1998	army
-rwxr-x---	1	root	ipa	278	Apr	9	1998	aviat
-rwxr-x---	1	root	ipa	878	Apr	9	1998	basic
-rwxr-x---	1	root	ipa	890	Apr	9	1998	battalion
-rwxr-x---	1	root	ipa	884	Apr	9	1998	brigade
-rwxr-x---	1	root	ipa	713	Apr	9	1998	building.xbm
-rwxr-x---	1	root	ipa	884	Apr	9	1998	ca_army
-rwxr-x---	1	root	ipa	887	Apr	9	1998	ca_basic
-rwxr-x---	1	root	ipa	899	Apr	9	1998	ca_battalion
-rwxr-x---	1	root	ipa	893	Apr	9	1998	ca_brigade
-rwxr-x---	1	root	ipa	893	Apr	9	1998	ca_company
-rwxr-x---	1	root	ipa	887	Apr	9	1998	ca_corps
-rwxr-x---	1	root	ipa	881	Apr	9	1998	ca_div
-rwxr-x---	1	root	ipa	878	Apr	9	1998	ca_hq
-rwxr-x---	1	root	ipa	896	Apr	9	1998	ca_regiment
-rwxr-x---	1	root	ipa	467	Apr	9	1998	cas
-rwxr-x---	1	root	ipa	857	Apr	9	1998	cas_cp
-rwxr-x---	1	root	ipa	605	Apr	9	1998	cas_hp
-rwxr-x---	1	root	ipa	899	Apr	9	1998	chart_pack_aaa
-rwxr-x---	1	root	ipa	923	Apr	9	1998	chart_pack_bomber_base
-rwxr-x---	1	root	ipa	923	Apr	9	1998	chart_pack_civilian_af
-rwxr-x---	1	root	ipa	896	Apr	9	1998	chart_pack_ew
-rwxr-x---	1	root	ipa	896	Apr	9	1998	chart_pack_fc
-rwxr-x---	1	root	ipa	926	Apr	9	1998	chart_pack_fighter_base
-rwxr-x---	1	root	ipa	932	Apr	9	1998	chart_pack_strategic_sams
-rwxr-x---	1	root	ipa	929	Apr	9	1998	chart_pack_tactical_sams
-rwxr-x---	1	root	ipa	884	Apr	9	1998	company
-rwxr-x---	1	root	ipa	878	Apr	9	1998	corps
-rwxr-x---	1	root	ipa	884	Apr	9	1998	default
-rwxr-x---	1	root	ipa	872	Apr	9	1998	div
-rwxr-x---	1	root	ipa	383	Apr	9	1998	done
-rwxr-x---	1	root	ipa	293	Apr	9	1998	dotcirc
-rwxr-x---	1	root	ipa	887	Apr	9	1998	eng_army
-rwxr-x---	1	root	ipa	890	Apr	9	1998	eng_basic
-rwxr-x---	1	root	ipa	902	Apr	9	1998	eng_battalion
-rwxr-x---	1	root	ipa	896	Apr	9	1998	eng_brigade
-rwxr-x---	1	root	ipa	896	Apr	9	1998	eng_company
-rwxr-x---	1	root	ipa	890	Apr	9	1998	eng_corps
-rwxr-x---	1	root	ipa	899	Apr	9	1998	eng_div
-rwxr-x---	1	root	ipa	881	Apr	9	1998	eng_hq
-rwxr-x---	1	root	ipa	899	Apr	9	1998	eng_regiment
-rwxr-x---	1	root	ipa	893	Apr	9	1998	eob_ewsite
-rwxr-x---	1	root	ipa	896	Apr	9	1998	eob_gcisite
-rwxr-x---	1	root	ipa	890	Apr	9	1998	eob_other
-rwxr-x---	1	root	ipa	884	Apr	9	1998	ew_army
-rwxr-x---	1	root	ipa	887	Apr	9	1998	ew_basic
-rwxr-x---	1	root	ipa	899	Apr	9	1998	ew_battalion
-rwxr-x---	1	root	ipa	893	Apr	9	1998	ew_brigade
-rwxr-x---	1	root	ipa	893	Apr	9	1998	ew_company
-rwxr-x---	1	root	ipa	887	Apr	9	1998	ew_corps
-rwxr-x---	1	root	ipa	881	Apr	9	1998	ew_div

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-rwxr-x---	1	root	ipa	878	Apr	9	1998	ew_hq
-rwxr-x---	1	root	ipa	896	Apr	9	1998	ew_regiment
-rwxr-x---	1	root	ipa	884	Apr	9	1998	fa_army
-rwxr-x---	1	root	ipa	887	Apr	9	1998	fa_basic
-rwxr-x---	1	root	ipa	899	Apr	9	1998	fa_battalion
-rwxr-x---	1	root	ipa	893	Apr	9	1998	fa_brigade
-rwxr-x---	1	root	ipa	893	Apr	9	1998	fa_company
-rwxr-x---	1	root	ipa	887	Apr	9	1998	fa_corps
-rwxr-x---	1	root	ipa	881	Apr	9	1998	fa_div
-rwxr-x---	1	root	ipa	878	Apr	9	1998	fa_hq
-rwxr-x---	1	root	ipa	896	Apr	9	1998	fa_regiment
-rwxr-x---	1	root	ipa	278	Apr	9	1998	facil
-rwxr-x---	1	root	ipa	704	Apr	9	1998	ffg_7.xbm
-rwxr-x---	1	root	ipa	887	Apr	9	1998	gps_ipnt
-rwxr-x---	1	root	ipa	869	Apr	9	1998	hq
-rwxr-x---	1	root	ipa	287	Apr	9	1998	hwd_sym01
-rwxr-x---	1	root	ipa	287	Apr	9	1998	hwd_sym02
-rwxr-x---	1	root	ipa	287	Apr	9	1998	hwd_sym03
-rwxr-x---	1	root	ipa	287	Apr	9	1998	hwd_sym04
-rwxr-x---	1	root	ipa	287	Apr	9	1998	hwd_sym05
-rwxr-x---	1	root	ipa	287	Apr	9	1998	hwd_sym06
-rwxr-x---	1	root	ipa	287	Apr	9	1998	hwd_sym07
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym08
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym09
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym10
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym11
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym12
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym13
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym14
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym15
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym16
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym17
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym18
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym19
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym20
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym21
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym22
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym23
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym24
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym25
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym26
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym27
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym28
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym29
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym30
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym31
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym32
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym33
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym34
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym35
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym36
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym37
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym38
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym39
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym40
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym41
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym42
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym43
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym44
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym45
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym46

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-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym47
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym48
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym49
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym50
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym51
-rwxr-x---	1	root	ipa	290	Apr	9	1998	hwd_sym52
-rwxr-x---	1	root	ipa	887	Apr	9	1998	inf_army
-rwxr-x---	1	root	ipa	890	Apr	9	1998	inf_basic
-rwxr-x---	1	root	ipa	902	Apr	9	1998	inf_battalion
-rwxr-x---	1	root	ipa	896	Apr	9	1998	inf_brigade
-rwxr-x---	1	root	ipa	896	Apr	9	1998	inf_company
-rwxr-x---	1	root	ipa	890	Apr	9	1998	inf_corps
-rwxr-x---	1	root	ipa	884	Apr	9	1998	inf_div
-rwxr-x---	1	root	ipa	881	Apr	9	1998	inf_hq
-rwxr-x---	1	root	ipa	899	Apr	9	1998	inf_regiment
-rwxr-x---	1	root	ipa	893	Apr	9	1998	intel_army
-rwxr-x---	1	root	ipa	896	Apr	9	1998	intel_basic
-rwxr-x---	1	root	ipa	908	Apr	9	1998	intel_battalion
-rwxr-x---	1	root	ipa	902	Apr	9	1998	intel_brigade
-rwxr-x---	1	root	ipa	902	Apr	9	1998	intel_company
-rwxr-x---	1	root	ipa	896	Apr	9	1998	intel_corps
-rwxr-x---	1	root	ipa	890	Apr	9	1998	intel_div
-rwxr-x---	1	root	ipa	887	Apr	9	1998	intel_hq
-rwxr-x---	1	root	ipa	905	Apr	9	1998	intel_regiment
-rwxr-x---	1	root	ipa	719	Apr	9	1998	losangeles.xbm
-rwxr-x---	1	root	ipa	2368	Apr	9	1998	milinstallrole07
-rwxr-x---	1	root	ipa	2368	Apr	9	1998	milinstallrole10
-rwxr-x---	1	root	ipa	2368	Apr	9	1998	milinstallrole11
-rwxr-x---	1	root	ipa	896	Apr	9	1998	misc_target
-rwxr-x---	1	root	ipa	923	Apr	9	1998	misc_tsam_intercepts
-rwxr-x---	1	root	ipa	722	Apr	9	1998	missile.xbm
-rwxr-x---	1	root	ipa	722	Apr	9	1998	missile_000.xbm
-rwxr-x---	1	root	ipa	722	Apr	9	1998	missile_045.xbm
-rwxr-x---	1	root	ipa	722	Apr	9	1998	missile_090.xbm
-rwxr-x---	1	root	ipa	722	Apr	9	1998	missile_135.xbm
-rwxr-x---	1	root	ipa	722	Apr	9	1998	missile_180.xbm
-rwxr-x---	1	root	ipa	722	Apr	9	1998	missile_225.xbm
-rwxr-x---	1	root	ipa	722	Apr	9	1998	missile_270.xbm
-rwxr-x---	1	root	ipa	722	Apr	9	1998	missile_315.xbm
-rwxr-x---	1	root	ipa	896	Apr	9	1998	mp_actionpt
-rwxr-x---	1	root	ipa	890	Apr	9	1998	mp_attack
-rwxr-x---	1	root	ipa	893	Apr	9	1998	mp_carrier
-rwxr-x---	1	root	ipa	911	Apr	9	1998	mp_civil_airbase
-rwxr-x---	1	root	ipa	914	Apr	9	1998	mp_divert_airbase
-rwxr-x---	1	root	ipa	881	Apr	9	1998	mp_eaf
-rwxr-x---	1	root	ipa	884	Apr	9	1998	mp_farp
-rwxr-x---	1	root	ipa	884	Apr	9	1998	mp_grnd
-rwxr-x---	1	root	ipa	884	Apr	9	1998	mp_hack
-rwxr-x---	1	root	ipa	884	Apr	9	1998	mp_hold
-rwxr-x---	1	root	ipa	884	Apr	9	1998	mp_hovr
-rwxr-x---	1	root	ipa	911	Apr	9	1998	mp_joint_airbase
-rwxr-x---	1	root	ipa	890	Apr	9	1998	mp_launch
-rwxr-x---	1	root	ipa	878	Apr	9	1998	mp_lz
-rwxr-x---	1	root	ipa	905	Apr	9	1998	mp_mil_airbase
-rwxr-x---	1	root	ipa	884	Apr	9	1998	mp_nasp
-rwxr-x---	1	root	ipa	881	Apr	9	1998	mp_nav
-rwxr-x---	1	root	ipa	908	Apr	9	1998	mp_offset_aimpt
-rwxr-x---	1	root	ipa	938	Apr	9	1998	mp_offset_aimpt_dotcenter
-rwxr-x---	1	root	ipa	911	Apr	9	1998	mp_other_airbase
-rwxr-x---	1	root	ipa	1907	Apr	9	1998	mp_refOffset_tmp
-rwxr-x---	1	root	ipa	890	Apr	9	1998	mp_refuel

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-rwxr-x---	1	root	ipa	896	Apr	9	1998	mp_rel_jett
-rwxr-x---	1	root	ipa	920	Apr	9	1998	mp_route_target_wrp
-rwxr-x---	1	root	ipa	908	Apr	9	1998	mp_start_refuel
-rwxr-x---	1	root	ipa	1913	Apr	9	1998	mp_userRef_symbol
-rwxr-x---	1	root	ipa	1916	Apr	9	1998	mp_userdefined_OAP
-rwxr-x---	1	root	ipa	887	Apr	9	1998	msl_army
-rwxr-x---	1	root	ipa	890	Apr	9	1998	msl_basic
-rwxr-x---	1	root	ipa	902	Apr	9	1998	msl_battalion
-rwxr-x---	1	root	ipa	896	Apr	9	1998	msl_brigade
-rwxr-x---	1	root	ipa	896	Apr	9	1998	msl_company
-rwxr-x---	1	root	ipa	890	Apr	9	1998	msl_corps
-rwxr-x---	1	root	ipa	884	Apr	9	1998	msl_div
-rwxr-x---	1	root	ipa	881	Apr	9	1998	msl_hq
-rwxr-x---	1	root	ipa	899	Apr	9	1998	msl_regiment
-rwxr-x---	1	root	ipa	902	Apr	9	1998	mtr_alt_entry
-rwxr-x---	1	root	ipa	899	Apr	9	1998	mtr_alt_exit
-rwxr-x---	1	root	ipa	890	Apr	9	1998	mtr_entry
-rwxr-x---	1	root	ipa	905	Apr	9	1998	mtr_entry_exit
-rwxr-x---	1	root	ipa	884	Apr	9	1998	mtr_exit
-rwxr-x---	1	root	ipa	887	Apr	9	1998	mtr_turn
-rwxr-x---	1	root	ipa	896	Apr	9	1998	navops_army
-rwxr-x---	1	root	ipa	899	Apr	9	1998	navops_basic
-rwxr-x---	1	root	ipa	911	Apr	9	1998	navops_battalion
-rwxr-x---	1	root	ipa	905	Apr	9	1998	navops_brigade
-rwxr-x---	1	root	ipa	905	Apr	9	1998	navops_company
-rwxr-x---	1	root	ipa	899	Apr	9	1998	navops_corps
-rwxr-x---	1	root	ipa	893	Apr	9	1998	navops_div
-rwxr-x---	1	root	ipa	890	Apr	9	1998	navops_hq
-rwxr-x---	1	root	ipa	908	Apr	9	1998	navops_regiment
-rwxr-x---	1	root	ipa	887	Apr	9	1998	nbc_army
-rwxr-x---	1	root	ipa	890	Apr	9	1998	nbc_basic
-rwxr-x---	1	root	ipa	902	Apr	9	1998	nbc_battalion
-rwxr-x---	1	root	ipa	896	Apr	9	1998	nbc_brigade
-rwxr-x---	1	root	ipa	896	Apr	9	1998	nbc_company
-rwxr-x---	1	root	ipa	890	Apr	9	1998	nbc_corps
-rwxr-x---	1	root	ipa	884	Apr	9	1998	nbc_div
-rwxr-x---	1	root	ipa	881	Apr	9	1998	nbc_hq
-rwxr-x---	1	root	ipa	899	Apr	9	1998	nbc_regiment
-rwxr-x---	1	root	ipa	887	Apr	9	1998	ord_army
-rwxr-x---	1	root	ipa	890	Apr	9	1998	ord_basic
-rwxr-x---	1	root	ipa	902	Apr	9	1998	ord_battalion
-rwxr-x---	1	root	ipa	896	Apr	9	1998	ord_brigade
-rwxr-x---	1	root	ipa	896	Apr	9	1998	ord_company
-rwxr-x---	1	root	ipa	890	Apr	9	1998	ord_corps
-rwxr-x---	1	root	ipa	884	Apr	9	1998	ord_div
-rwxr-x---	1	root	ipa	881	Apr	9	1998	ord_hq
-rwxr-x---	1	root	ipa	899	Apr	9	1998	ord_regiment
-rwxr-x---	1	root	ipa	281	Apr	9	1998	pencil
-rwxr-x---	1	root	ipa	296	Apr	9	1998	pencil_grey
-rwxr-x---	1	root	ipa	302	Apr	9	1998	pointing_hand
-rwxr-x---	1	root	ipa	317	Apr	9	1998	pointing_hand_grey
-rwxr-x---	1	root	ipa	287	Apr	9	1998	question.xbm
-rwxr-x---	1	root	ipa	905	Apr	9	1998	radar_fixpoint
-rwxr-x---	1	root	ipa	1922	Apr	9	1998	radarprediction_hard
-rwxr-x---	1	root	ipa	1919	Apr	9	1998	radarprediction_obs
-rwxr-x---	1	root	ipa	1934	Apr	9	1998	radarprediction_obs_jet0
-rwxr-x---	1	root	ipa	1940	Apr	9	1998	radarprediction_obs_jet102
-rwxr-x---	1	root	ipa	1940	Apr	9	1998	radarprediction_obs_jet135
-rwxr-x---	1	root	ipa	1940	Apr	9	1998	radarprediction_obs_jet157
-rwxr-x---	1	root	ipa	1940	Apr	9	1998	radarprediction_obs_jet180
-rwxr-x---	1	root	ipa	1940	Apr	9	1998	radarprediction_obs_jet202

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-rwxr-x---	1	root	ipa	1937	Apr	9	1998	radarprediction_obs_jet22
-rwxr-x---	1	root	ipa	1940	Apr	9	1998	radarprediction_obs_jet225
-rwxr-x---	1	root	ipa	1940	Apr	9	1998	radarprediction_obs_jet247
-rwxr-x---	1	root	ipa	1940	Apr	9	1998	radarprediction_obs_jet270
-rwxr-x---	1	root	ipa	1940	Apr	9	1998	radarprediction_obs_jet292
-rwxr-x---	1	root	ipa	1940	Apr	9	1998	radarprediction_obs_jet315
-rwxr-x---	1	root	ipa	1940	Apr	9	1998	radarprediction_obs_jet337
-rwxr-x---	1	root	ipa	1937	Apr	9	1998	radarprediction_obs_jet45
-rwxr-x---	1	root	ipa	1937	Apr	9	1998	radarprediction_obs_jet67
-rwxr-x---	1	root	ipa	1937	Apr	9	1998	radarprediction_obs_jet90
-rwxr-x---	1	root	ipa	1919	Apr	9	1998	radarprediction_tgt
-rwxr-x---	1	root	ipa	890	Apr	9	1998	rear_army
-rwxr-x---	1	root	ipa	893	Apr	9	1998	rear_basic
-rwxr-x---	1	root	ipa	905	Apr	9	1998	rear_battalion
-rwxr-x---	1	root	ipa	899	Apr	9	1998	rear_brigade
-rwxr-x---	1	root	ipa	899	Apr	9	1998	rear_company
-rwxr-x---	1	root	ipa	893	Apr	9	1998	rear_corps
-rwxr-x---	1	root	ipa	887	Apr	9	1998	rear_div
-rwxr-x---	1	root	ipa	884	Apr	9	1998	rear_hq
-rwxr-x---	1	root	ipa	902	Apr	9	1998	rear_regiment
-rwxr-x---	1	root	ipa	887	Apr	9	1998	regiment
-rwxr-x---	1	root	ipa	890	Apr	9	1998	rn_dme
-rwxr-x---	1	root	ipa	881	Apr	9	1998	rn_ndb
-rwxr-x---	1	root	ipa	893	Apr	9	1998	rn_ndb_dme
-rwxr-x---	1	root	ipa	887	Apr	9	1998	rn_tacan
-rwxr-x---	1	root	ipa	881	Apr	9	1998	rn_vor
-rwxr-x---	1	root	ipa	893	Apr	9	1998	rn_vor_dme
-rwxr-x---	1	root	ipa	890	Apr	9	1998	rn_vortac
-rwxr-x---	1	root	ipa	896	Apr	9	1998	rn_waypoint
-rwxr-x---	1	root	ipa	902	Apr	9	1998	sam_chaparral
-rwxr-x---	1	root	ipa	902	Apr	9	1998	sam_crotale
-rwxr-x---	1	root	ipa	887	Apr	9	1998	sam_hawk
-rwxr-x---	1	root	ipa	890	Apr	9	1998	sam_ihawk
-rwxr-x---	1	root	ipa	890	Apr	9	1998	sam_other
-rwxr-x---	1	root	ipa	893	Apr	9	1998	sam_rapier
-rwxr-x---	1	root	ipa	893	Apr	9	1998	sam_roland
-rwxr-x---	1	root	ipa	899	Apr	9	1998	sam_tigercat
-rwxr-x---	1	root	ipa	884	Apr	9	1998	sf_army
-rwxr-x---	1	root	ipa	887	Apr	9	1998	sf_basic
-rwxr-x---	1	root	ipa	899	Apr	9	1998	sf_battalion
-rwxr-x---	1	root	ipa	893	Apr	9	1998	sf_brigade
-rwxr-x---	1	root	ipa	893	Apr	9	1998	sf_company
-rwxr-x---	1	root	ipa	887	Apr	9	1998	sf_corps
-rwxr-x---	1	root	ipa	881	Apr	9	1998	sf_div
-rwxr-x---	1	root	ipa	878	Apr	9	1998	sf_hq
-rwxr-x---	1	root	ipa	896	Apr	9	1998	sf_regiment
-rwxr-x---	1	root	ipa	887	Apr	9	1998	sig_army
-rwxr-x---	1	root	ipa	890	Apr	9	1998	sig_basic
-rwxr-x---	1	root	ipa	902	Apr	9	1998	sig_battalion
-rwxr-x---	1	root	ipa	896	Apr	9	1998	sig_brigade
-rwxr-x---	1	root	ipa	896	Apr	9	1998	sig_company
-rwxr-x---	1	root	ipa	890	Apr	9	1998	sig_corps
-rwxr-x---	1	root	ipa	884	Apr	9	1998	sig_div
-rwxr-x---	1	root	ipa	881	Apr	9	1998	sig_hq
-rwxr-x---	1	root	ipa	899	Apr	9	1998	sig_regiment
-rwxr-x---	1	root	ipa	713	Apr	9	1998	slag.xbm
-rwxr-x---	1	root	ipa	896	Apr	9	1998	supply_army
-rwxr-x---	1	root	ipa	899	Apr	9	1998	supply_basic
-rwxr-x---	1	root	ipa	911	Apr	9	1998	supply_battalion
-rwxr-x---	1	root	ipa	905	Apr	9	1998	supply_brigade
-rwxr-x---	1	root	ipa	905	Apr	9	1998	supply_company

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-rwxr-x---	1	root	ipa	899	Apr	9	1998	supply_corps
-rwxr-x---	1	root	ipa	893	Apr	9	1998	supply_div
-rwxr-x---	1	root	ipa	890	Apr	9	1998	supply_hq
-rwxr-x---	1	root	ipa	908	Apr	9	1998	supply_regiment
-rwxr-x---	1	root	ipa	893	Apr	9	1998	trans_army
-rwxr-x---	1	root	ipa	896	Apr	9	1998	trans_basic
-rwxr-x---	1	root	ipa	908	Apr	9	1998	trans_battalion
-rwxr-x---	1	root	ipa	902	Apr	9	1998	trans_brigade
-rwxr-x---	1	root	ipa	902	Apr	9	1998	trans_company
-rwxr-x---	1	root	ipa	896	Apr	9	1998	trans_corps
-rwxr-x---	1	root	ipa	890	Apr	9	1998	trans_div
-rwxr-x---	1	root	ipa	887	Apr	9	1998	trans_hq
-rwxr-x---	1	root	ipa	905	Apr	9	1998	trans_regiment
-rwxr-x---	1	root	ipa	6193	Apr	9	1998	trwlogo
-rwxr-x---	1	root	ipa	890	Apr	9	1998	vc_bridge
-rwxr-x---	1	root	ipa	890	Apr	9	1998	vc_dam
-rwxr-x---	1	root	ipa	884	Apr	9	1998	vc_mine
-rwxr-x---	1	root	ipa	911	Apr	9	1998	vc_point_feature
-rwxr-x---	1	root	ipa	899	Apr	9	1998	vc_pol_tanks
-rwxr-x---	1	root	ipa	899	Apr	9	1998	vc_shipwreck
-rwxr-x---	1	root	ipa	923	Apr	9	1998	vc_vertical_obstacle
-rwxr-x---	1	root	ipa	722	Apr	9	1998	vehicle.xbm
-rwxr-x---	1	root	ipa	281	Apr	9	1998	wind_000
-rwxr-x---	1	root	ipa	284	Apr	9	1998	wind_015
-rwxr-x---	1	root	ipa	284	Apr	9	1998	wind_030
-rwxr-x---	1	root	ipa	284	Apr	9	1998	wind_045
-rwxr-x---	1	root	ipa	284	Apr	9	1998	wind_060
-rwxr-x---	1	root	ipa	284	Apr	9	1998	wind_075
-rwxr-x---	1	root	ipa	284	Apr	9	1998	wind_090
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_105
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_120
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_135
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_150
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_165
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_180
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_195
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_210
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_225
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_240
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_255
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_270
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_285
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_300
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_315
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_330
-rwxr-x---	1	root	ipa	287	Apr	9	1998	wind_345

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap:

total 4

-rwxr-x---	1	root	ipa	1506	Apr	9	1998	dht
drwxr-x---	14	root	ipa	512	Apr	9	1998	havana
-rwxr-x---	1	root	ipa	301	Apr	9	1998	lat

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana:

total 32

drwxr-x---	6	root	ipa	1024	Apr	9	1998	bnd
-rwxr-x---	1	root	ipa	597	Apr	9	1998	cat
drwxr-x---	6	root	ipa	512	Apr	9	1998	dq
-rwxr-x---	1	root	ipa	2838	Apr	9	1998	dqt
-rwxr-x---	1	root	ipa	16	Apr	9	1998	dqx
drwxr-x---	6	root	ipa	1024	Apr	9	1998	elev

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```

-rwxr-x--- 1 root ipa 1312 Apr 9 1998 grt
drwxr-x--- 6 root ipa 2048 Apr 9 1998 hydro
drwxr-x--- 6 root ipa 2560 Apr 9 1998 ind
-rwxr-x--- 1 root ipa 1044 Apr 9 1998 lht
drwxr-x--- 2 root ipa 512 Nov 5 14:33 libref
-rwxr-x--- 1 root ipa 3975 Apr 9 1998 lineage.doc
drwxr-x--- 6 root ipa 1024 Apr 9 1998 phys
drwxr-x--- 6 root ipa 2048 Apr 9 1998 pop
drwxr-x--- 2 root ipa 512 Nov 5 14:33 tileref
drwxr-x--- 6 root ipa 3072 Apr 9 1998 trans
drwxr-x--- 6 root ipa 1536 Apr 9 1998 util
drwxr-x--- 6 root ipa 1024 Apr 9 1998 veg

```

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/bnd:

total 50

```

-rwxr-x--- 1 root ipa 1032 Apr 9 1998 barriell.jti
-rwxr-x--- 1 root ipa 260 Apr 9 1998 barriel2.jti
-rwxr-x--- 1 root ipa 752 Apr 9 1998 barriel3.jti
-rwxr-x--- 1 root ipa 1064 Apr 9 1998 barrierl.lft
-rwxr-x--- 1 root ipa 1354 Apr 9 1998 barrierl.ljt
-rwxr-x--- 1 root ipa 594 Apr 9 1998 char.vdt
-rwxr-x--- 1 root ipa 2395 Apr 9 1998 coastl.lft
-rwxr-x--- 1 root ipa 2219 Apr 9 1998 coastl.ljt
-rwxr-x--- 1 root ipa 1776 Apr 9 1998 coastl1.jti
-rwxr-x--- 1 root ipa 366 Apr 9 1998 coastl2.jti
-rwxr-x--- 1 root ipa 1334 Apr 9 1998 coastl3.jti
-rwxr-x--- 1 root ipa 4291 Apr 9 1998 edg.fit
-rwxr-x--- 1 root ipa 1534 Apr 9 1998 edg_fit1.fti
-rwxr-x--- 1 root ipa 548 Apr 9 1998 edg_fit2.fti
-rwxr-x--- 1 root ipa 532 Apr 9 1998 edg_fit3.fti
-rwxr-x--- 1 root ipa 2100 Apr 9 1998 edg_fit4.fti
-rwxr-x--- 1 root ipa 320 Apr 9 1998 end.fit
-rwxr-x--- 1 root ipa 88 Apr 9 1998 endl_id.pti
-rwxr-x--- 1 root ipa 88 Apr 9 1998 end_fit1.fti
-rwxr-x--- 1 root ipa 84 Apr 9 1998 end_fit2.fti
-rwxr-x--- 1 root ipa 78 Apr 9 1998 end_fit3.fti
-rwxr-x--- 1 root ipa 96 Apr 9 1998 end_fit4.fti
-rwxr-x--- 1 root ipa 248 Apr 9 1998 f_codel.lti
-rwxr-x--- 1 root ipa 79 Apr 9 1998 f_codel.pti
-rwxr-x--- 1 root ipa 282 Apr 9 1998 fca
-rwxr-x--- 1 root ipa 1015 Apr 9 1998 fcs
-rwxr-x--- 1 root ipa 32 Apr 9 1998 fcx
-rwxr-x--- 1 root ipa 613 Apr 9 1998 int.vdt
-rwxr-x--- 1 root ipa 380 Apr 9 1998 markersp.pft
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet1
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet2
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet3
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet4
-rwxr-x--- 1 root ipa 84 Apr 9 1998 tile1_id.pti

```

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/bnd/sheet1:

total 26

```

-rwxr-x--- 1 root ipa 1995 Apr 9 1998 cnd
-rwxr-x--- 1 root ipa 760 Apr 9 1998 csi
-rwxr-x--- 1 root ipa 2000 Apr 9 1998 ebr
-rwxr-x--- 1 root ipa 15229 Apr 9 1998 edg
-rwxr-x--- 1 root ipa 720 Apr 9 1998 edx
-rwxr-x--- 1 root ipa 744 Apr 9 1998 esi
-rwxr-x--- 1 root ipa 173 Apr 9 1998 fac
-rwxr-x--- 1 root ipa 380 Apr 9 1998 fbr
-rwxr-x--- 1 root ipa 96 Apr 9 1998 fsi

```

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```
-rwxr-x--- 1 root ipa 352 Apr 9 1998 rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/bnd/sheet2:
total 32
-rwxr-x--- 1 root ipa 1775 Apr 9 1998 cnd
-rwxr-x--- 1 root ipa 672 Apr 9 1998 csi
-rwxr-x--- 1 root ipa 1580 Apr 9 1998 ebr
-rwxr-x--- 1 root ipa 19093 Apr 9 1998 edg
-rwxr-x--- 1 root ipa 552 Apr 9 1998 edx
-rwxr-x--- 1 root ipa 194 Apr 9 1998 end
-rwxr-x--- 1 root ipa 576 Apr 9 1998 esi
-rwxr-x--- 1 root ipa 149 Apr 9 1998 fac
-rwxr-x--- 1 root ipa 320 Apr 9 1998 fbr
-rwxr-x--- 1 root ipa 72 Apr 9 1998 fsi
-rwxr-x--- 1 root ipa 40 Apr 9 1998 nsi
-rwxr-x--- 1 root ipa 400 Apr 9 1998 rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/bnd/sheet3:
total 12
-rwxr-x--- 1 root ipa 695 Apr 9 1998 cnd
-rwxr-x--- 1 root ipa 240 Apr 9 1998 csi
-rwxr-x--- 1 root ipa 520 Apr 9 1998 ebr
-rwxr-x--- 1 root ipa 2173 Apr 9 1998 edg
-rwxr-x--- 1 root ipa 128 Apr 9 1998 edx
-rwxr-x--- 1 root ipa 152 Apr 9 1998 esi
-rwxr-x--- 1 root ipa 133 Apr 9 1998 fac
-rwxr-x--- 1 root ipa 280 Apr 9 1998 fbr
-rwxr-x--- 1 root ipa 56 Apr 9 1998 fsi
-rwxr-x--- 1 root ipa 340 Apr 9 1998 rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/bnd/sheet4:
total 19
-rwxr-x--- 1 root ipa 1755 Apr 9 1998 cnd
-rwxr-x--- 1 root ipa 664 Apr 9 1998 csi
-rwxr-x--- 1 root ipa 1220 Apr 9 1998 ebr
-rwxr-x--- 1 root ipa 6049 Apr 9 1998 edg
-rwxr-x--- 1 root ipa 408 Apr 9 1998 edx
-rwxr-x--- 1 root ipa 214 Apr 9 1998 end
-rwxr-x--- 1 root ipa 432 Apr 9 1998 esi
-rwxr-x--- 1 root ipa 125 Apr 9 1998 fac
-rwxr-x--- 1 root ipa 260 Apr 9 1998 fbr
-rwxr-x--- 1 root ipa 48 Apr 9 1998 fsi
-rwxr-x--- 1 root ipa 48 Apr 9 1998 nsi
-rwxr-x--- 1 root ipa 532 Apr 9 1998 rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/dq:
total 11
-rwxr-x--- 1 root ipa 957 Apr 9 1998 dqarea.aft
-rwxr-x--- 1 root ipa 40 Apr 9 1998 dqarea.afx
-rwxr-x--- 1 root ipa 276 Apr 9 1998 dqarea.ajt
-rwxr-x--- 1 root ipa 108 Apr 9 1998 dqarea1.jti
-rwxr-x--- 1 root ipa 100 Apr 9 1998 dqarea2.jti
-rwxr-x--- 1 root ipa 80 Apr 9 1998 dqarea3.jti
-rwxr-x--- 1 root ipa 573 Apr 9 1998 fcs
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet1
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet2
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet3
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet4

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/dq/sheet1:
total 18
```

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-rwxr-x---	1	root	ipa	195	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	40	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	240	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	8437	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	16	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	40	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	190	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	260	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	48	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	184	Apr	9	1998	rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/dq/sheet2:

total 18

-rwxr-x---	1	root	ipa	195	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	40	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	240	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	8785	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	16	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	40	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	190	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	260	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	48	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	184	Apr	9	1998	rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/dq/sheet3:

total 18

-rwxr-x---	1	root	ipa	195	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	40	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	240	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	8905	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	16	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	40	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	190	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	260	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	48	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	184	Apr	9	1998	rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/dq/sheet4:

total 15

-rwxr-x---	1	root	ipa	195	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	40	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	240	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	6097	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	16	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	40	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	190	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	260	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	48	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	184	Apr	9	1998	rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/elev:

total 113

-rwxr-x---	1	root	ipa	421	Apr	9	1998	char.vdt
-rwxr-x---	1	root	ipa	11938	Apr	9	1998	contoull.jti
-rwxr-x---	1	root	ipa	2230	Apr	9	1998	contoul2.jti
-rwxr-x---	1	root	ipa	6830	Apr	9	1998	contoul3.jti
-rwxr-x---	1	root	ipa	14637	Apr	9	1998	contourl.lft
-rwxr-x---	1	root	ipa	15130	Apr	9	1998	contourl.ljt
-rwxr-x---	1	root	ipa	19429	Apr	9	1998	edg.fit
-rwxr-x---	1	root	ipa	6830	Apr	9	1998	edg_fit1.fti
-rwxr-x---	1	root	ipa	2230	Apr	9	1998	edg_fit2.fti

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-rwxr-x---	1	root	ipa	2202	Apr	9	1998	edg_fit3.fti
-rwxr-x---	1	root	ipa	11938	Apr	9	1998	edg_fit4.fti
-rwxr-x---	1	root	ipa	456	Apr	9	1998	elevp.pft
-rwxr-x---	1	root	ipa	356	Apr	9	1998	end.fit
-rwxr-x---	1	root	ipa	112	Apr	9	1998	endl_id.pti
-rwxr-x---	1	root	ipa	112	Apr	9	1998	end_fit1.fti
-rwxr-x---	1	root	ipa	88	Apr	9	1998	end_fit2.fti
-rwxr-x---	1	root	ipa	82	Apr	9	1998	end_fit3.fti
-rwxr-x---	1	root	ipa	120	Apr	9	1998	end_fit4.fti
-rwxr-x---	1	root	ipa	252	Apr	9	1998	fca
-rwxr-x---	1	root	ipa	706	Apr	9	1998	fcs
-rwxr-x---	1	root	ipa	24	Apr	9	1998	fcx
-rwxr-x---	1	root	ipa	663	Apr	9	1998	int.vdt
drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet1
drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet2
drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet3
drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet4
-rwxr-x---	1	root	ipa	88	Apr	9	1998	tile1_id.pti

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/elev/sheet1:

total 200

-rwxr-x---	1	root	ipa	2295	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	880	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	1840	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	182043	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	656	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	680	Apr	9	1998	esi

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/elev/sheet2:

total 878

-rwxr-x---	1	root	ipa	9295	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	3680	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	7820	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	854053	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	3048	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	135	Apr	9	1998	end
-rwxr-x---	1	root	ipa	3072	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	40	Apr	9	1998	nsi

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/elev/sheet3:

total 394

-rwxr-x---	1	root	ipa	5915	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	2328	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	4540	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	369827	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	1736	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	1760	Apr	9	1998	esi

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/elev/sheet4:

total 522

-rwxr-x---	1	root	ipa	11195	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	4440	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	7980	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	486523	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	3112	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	183	Apr	9	1998	end
-rwxr-x---	1	root	ipa	3136	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	64	Apr	9	1998	nsi

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/hydro:

total 156

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-rwxr-x---	1	root	ipa	372	Apr	9	1998	aquedcl1.jti
-rwxr-x---	1	root	ipa	156	Apr	9	1998	aquedcl2.jti
-rwxr-x---	1	root	ipa	320	Apr	9	1998	aquedcl3.jti
-rwxr-x---	1	root	ipa	1186	Apr	9	1998	aquedctl.lft
-rwxr-x---	1	root	ipa	208	Apr	9	1998	aquedctl.lfx
-rwxr-x---	1	root	ipa	613	Apr	9	1998	aquedctl.ljt
-rwxr-x---	1	root	ipa	1478	Apr	9	1998	char.vdt
-rwxr-x---	1	root	ipa	429	Apr	9	1998	coasta.aft
-rwxr-x---	1	root	ipa	112	Apr	9	1998	coasta.afx
-rwxr-x---	1	root	ipa	395	Apr	9	1998	coasta.ajt
-rwxr-x---	1	root	ipa	216	Apr	9	1998	coasta1.jti
-rwxr-x---	1	root	ipa	106	Apr	9	1998	coasta2.jti
-rwxr-x---	1	root	ipa	176	Apr	9	1998	coasta3.jti
-rwxr-x---	1	root	ipa	701	Apr	9	1998	dama.aft
-rwxr-x---	1	root	ipa	192	Apr	9	1998	dama.afx
-rwxr-x---	1	root	ipa	539	Apr	9	1998	dama.ajt
-rwxr-x---	1	root	ipa	340	Apr	9	1998	dama1.jti
-rwxr-x---	1	root	ipa	138	Apr	9	1998	dama2.jti
-rwxr-x---	1	root	ipa	276	Apr	9	1998	dama3.jti
-rwxr-x---	1	root	ipa	489	Apr	9	1998	daml.lft
-rwxr-x---	1	root	ipa	64	Apr	9	1998	daml.lfx
-rwxr-x---	1	root	ipa	301	Apr	9	1998	daml.ljt
-rwxr-x---	1	root	ipa	144	Apr	9	1998	daml1.jti
-rwxr-x---	1	root	ipa	84	Apr	9	1998	daml2.jti
-rwxr-x---	1	root	ipa	144	Apr	9	1998	daml3.jti
-rwxr-x---	1	root	ipa	11365	Apr	9	1998	edg.fit
-rwxr-x---	1	root	ipa	4190	Apr	9	1998	edg_fit1.fti
-rwxr-x---	1	root	ipa	1334	Apr	9	1998	edg_fit2.fti
-rwxr-x---	1	root	ipa	1342	Apr	9	1998	edg_fit3.fti
-rwxr-x---	1	root	ipa	5014	Apr	9	1998	edg_fit4.fti
-rwxr-x---	1	root	ipa	93	Apr	9	1998	f_code1.tti
-rwxr-x---	1	root	ipa	363	Apr	9	1998	f_code4.ati
-rwxr-x---	1	root	ipa	85	Apr	9	1998	f_code6.ati
-rwxr-x---	1	root	ipa	747	Apr	9	1998	f_code6.lti
-rwxr-x---	1	root	ipa	105	Apr	9	1998	f_code8.ati
-rwxr-x---	1	root	ipa	3769	Apr	9	1998	fac.fit
-rwxr-x---	1	root	ipa	1326	Apr	9	1998	fac_fit1.fti
-rwxr-x---	1	root	ipa	490	Apr	9	1998	fac_fit2.fti
-rwxr-x---	1	root	ipa	510	Apr	9	1998	fac_fit3.fti
-rwxr-x---	1	root	ipa	1826	Apr	9	1998	fac_fit4.fti
-rwxr-x---	1	root	ipa	525	Apr	9	1998	fca
-rwxr-x---	1	root	ipa	2884	Apr	9	1998	fcs
-rwxr-x---	1	root	ipa	88	Apr	9	1998	fcx
-rwxr-x---	1	root	ipa	439	Apr	9	1998	hydrotxt.tft
-rwxr-x---	1	root	ipa	3866	Apr	9	1998	inshorel.lft
-rwxr-x---	1	root	ipa	3659	Apr	9	1998	inshorel.ljt
-rwxr-x---	1	root	ipa	2960	Apr	9	1998	inshorl1.jti
-rwxr-x---	1	root	ipa	590	Apr	9	1998	inshorl2.jti
-rwxr-x---	1	root	ipa	1764	Apr	9	1998	inshorl3.jti
-rwxr-x---	1	root	ipa	3092	Apr	9	1998	int.vdt
-rwxr-x---	1	root	ipa	1660	Apr	9	1998	lakerea1.jti
-rwxr-x---	1	root	ipa	368	Apr	9	1998	lakerea2.jti
-rwxr-x---	1	root	ipa	1106	Apr	9	1998	lakerea3.jti
-rwxr-x---	1	root	ipa	4451	Apr	9	1998	lakeresa.aft
-rwxr-x---	1	root	ipa	1072	Apr	9	1998	lakeresa.afx
-rwxr-x---	1	root	ipa	2103	Apr	9	1998	lakeresa.ajt
-rwxr-x---	1	root	ipa	182	Apr	9	1998	misca.aft
-rwxr-x---	1	root	ipa	301	Apr	9	1998	misca.ajt
-rwxr-x---	1	root	ipa	132	Apr	9	1998	misca1.jti
-rwxr-x---	1	root	ipa	98	Apr	9	1998	misca2.jti
-rwxr-x---	1	root	ipa	132	Apr	9	1998	misca3.jti

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drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet1
drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet2
drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet3
drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet4
-rwxr-x---	1	root	ipa	531	Apr	9	1998	symbol.rat
-rwxr-x---	1	root	ipa	90	Apr	9	1998	tile1_id.tti
-rwxr-x---	1	root	ipa	440	Apr	9	1998	txt.fit
-rwxr-x---	1	root	ipa	180	Apr	9	1998	txt1_id.tti
-rwxr-x---	1	root	ipa	180	Apr	9	1998	txt_fit1.fti
-rwxr-x---	1	root	ipa	90	Apr	9	1998	txt_fit2.fti
-rwxr-x---	1	root	ipa	92	Apr	9	1998	txt_fit3.fti
-rwxr-x---	1	root	ipa	180	Apr	9	1998	txt_fit4.fti
-rwxr-x---	1	root	ipa	260	Apr	9	1998	watrcra1.jti
-rwxr-x---	1	root	ipa	136	Apr	9	1998	watrcra2.jti
-rwxr-x---	1	root	ipa	276	Apr	9	1998	watrcra3.jti
-rwxr-x---	1	root	ipa	4000	Apr	9	1998	watrcrl1.jti
-rwxr-x---	1	root	ipa	774	Apr	9	1998	watrcrl2.jti
-rwxr-x---	1	root	ipa	3162	Apr	9	1998	watrcrl3.jti
-rwxr-x---	1	root	ipa	773	Apr	9	1998	watrcrsa.aft
-rwxr-x---	1	root	ipa	136	Apr	9	1998	watrcrsa.afx
-rwxr-x---	1	root	ipa	477	Apr	9	1998	watrcrsa.ajt
-rwxr-x---	1	root	ipa	9010	Apr	9	1998	watrcrsl.lft
-rwxr-x---	1	root	ipa	2600	Apr	9	1998	watrcrsl.lfx
-rwxr-x---	1	root	ipa	4949	Apr	9	1998	watrcrsl.ljt

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/hydro/sheet1:

total 55

-rwxr-x---	1	root	ipa	2435	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	936	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	2680	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	42465	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	992	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	1016	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	293	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	680	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	216	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	568	Apr	9	1998	rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/hydro/sheet2:

total 116

-rwxr-x---	1	root	ipa	3715	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	1448	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	4160	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	94885	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	1584	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	1608	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	445	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	1060	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	368	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	904	Apr	9	1998	rng
-rwxr-x---	1	root	ipa	112	Apr	9	1998	tsi
-rwxr-x---	1	root	ipa	569	Apr	9	1998	txt
-rwxr-x---	1	root	ipa	88	Apr	9	1998	txx

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/hydro/sheet3:

total 120

-rwxr-x---	1	root	ipa	5135	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	2016	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	5660	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	95675	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	2184	Apr	9	1998	edx

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```

-rwxr-x--- 1 root ipa 2208 Apr 9 1998 esi
-rwxr-x--- 1 root ipa 805 Apr 9 1998 fac
-rwxr-x--- 1 root ipa 1960 Apr 9 1998 fbr
-rwxr-x--- 1 root ipa 728 Apr 9 1998 fsi
-rwxr-x--- 1 root ipa 1936 Apr 9 1998 rng

```

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/hydro/sheet4:

total 93

```

-rwxr-x--- 1 root ipa 3495 Apr 9 1998 cnd
-rwxr-x--- 1 root ipa 1360 Apr 9 1998 csi
-rwxr-x--- 1 root ipa 3820 Apr 9 1998 ebr
-rwxr-x--- 1 root ipa 74295 Apr 9 1998 edg
-rwxr-x--- 1 root ipa 1448 Apr 9 1998 edx
-rwxr-x--- 1 root ipa 1472 Apr 9 1998 esi
-rwxr-x--- 1 root ipa 693 Apr 9 1998 fac
-rwxr-x--- 1 root ipa 1680 Apr 9 1998 fbr
-rwxr-x--- 1 root ipa 616 Apr 9 1998 fsi
-rwxr-x--- 1 root ipa 1720 Apr 9 1998 rng

```

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/ind:

total 374

```

-rwxr-x--- 1 root ipa 55769 Apr 9 1998 bldinda.aft
-rwxr-x--- 1 root ipa 13304 Apr 9 1998 bldinda.afx
-rwxr-x--- 1 root ipa 23508 Apr 9 1998 bldinda.ajt
-rwxr-x--- 1 root ipa 20008 Apr 9 1998 bldinda1.jti
-rwxr-x--- 1 root ipa 3426 Apr 9 1998 bldinda2.jti
-rwxr-x--- 1 root ipa 11140 Apr 9 1998 bldinda3.jti
-rwxr-x--- 1 root ipa 9561 Apr 9 1998 bldindp.pft
-rwxr-x--- 1 root ipa 1840 Apr 9 1998 bldindp.pfx
-rwxr-x--- 1 root ipa 1992 Apr 9 1998 char.vdt
-rwxr-x--- 1 root ipa 312 Apr 9 1998 cmpxina1.jti
-rwxr-x--- 1 root ipa 142 Apr 9 1998 cmpxina2.jti
-rwxr-x--- 1 root ipa 312 Apr 9 1998 cmpxina3.jti
-rwxr-x--- 1 root ipa 1545 Apr 9 1998 cmpxinda.aft
-rwxr-x--- 1 root ipa 176 Apr 9 1998 cmpxinda.afx
-rwxr-x--- 1 root ipa 519 Apr 9 1998 cmpxinda.ajt
-rwxr-x--- 1 root ipa 84 Apr 9 1998 disposa1.jti
-rwxr-x--- 1 root ipa 74 Apr 9 1998 disposa2.jti
-rwxr-x--- 1 root ipa 84 Apr 9 1998 disposa3.jti
-rwxr-x--- 1 root ipa 349 Apr 9 1998 disposea.aft
-rwxr-x--- 1 root ipa 255 Apr 9 1998 disposea.ajt
-rwxr-x--- 1 root ipa 547 Apr 9 1998 edg.fit
-rwxr-x--- 1 root ipa 108 Apr 9 1998 edg3_id.lti
-rwxr-x--- 1 root ipa 236 Apr 9 1998 edg_fit1.fti
-rwxr-x--- 1 root ipa 112 Apr 9 1998 edg_fit2.fti
-rwxr-x--- 1 root ipa 116 Apr 9 1998 edg_fit3.fti
-rwxr-x--- 1 root ipa 220 Apr 9 1998 edg_fit4.fti
-rwxr-x--- 1 root ipa 12092 Apr 9 1998 end.fit
-rwxr-x--- 1 root ipa 1998 Apr 9 1998 end1_id.pti
-rwxr-x--- 1 root ipa 84 Apr 9 1998 end3_id.pti
-rwxr-x--- 1 root ipa 1826 Apr 9 1998 end4_id.pti
-rwxr-x--- 1 root ipa 2458 Apr 9 1998 end6_id.pti
-rwxr-x--- 1 root ipa 4542 Apr 9 1998 end_fit1.fti
-rwxr-x--- 1 root ipa 1414 Apr 9 1998 end_fit2.fti
-rwxr-x--- 1 root ipa 1422 Apr 9 1998 end_fit3.fti
-rwxr-x--- 1 root ipa 4302 Apr 9 1998 end_fit4.fti
-rwxr-x--- 1 root ipa 204 Apr 9 1998 extracal.jti
-rwxr-x--- 1 root ipa 104 Apr 9 1998 extraca2.jti
-rwxr-x--- 1 root ipa 204 Apr 9 1998 extraca3.jti
-rwxr-x--- 1 root ipa 204 Apr 9 1998 extracl1.jti
-rwxr-x--- 1 root ipa 94 Apr 9 1998 extracl2.jti

```

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-rwxr-x---	1	root	ipa	204	Apr	9	1998	extracl3.jti
-rwxr-x---	1	root	ipa	673	Apr	9	1998	extracta.aft
-rwxr-x---	1	root	ipa	104	Apr	9	1998	extracta.afx
-rwxr-x---	1	root	ipa	397	Apr	9	1998	extracta.ajt
-rwxr-x---	1	root	ipa	725	Apr	9	1998	extractl.lft
-rwxr-x---	1	root	ipa	104	Apr	9	1998	extractl.lfx
-rwxr-x---	1	root	ipa	397	Apr	9	1998	extractl.ljt
-rwxr-x---	1	root	ipa	583	Apr	9	1998	extractp.pft
-rwxr-x---	1	root	ipa	24	Apr	9	1998	extractp.pfx
-rwxr-x---	1	root	ipa	77	Apr	9	1998	f_code3.ati
-rwxr-x---	1	root	ipa	81	Apr	9	1998	f_code3.lti
-rwxr-x---	1	root	ipa	97	Apr	9	1998	f_code4.ati
-rwxr-x---	1	root	ipa	470	Apr	9	1998	f_code4.pti
-rwxr-x---	1	root	ipa	194	Apr	9	1998	f_code6.ati
-rwxr-x---	1	root	ipa	580	Apr	9	1998	f_code6.pti
-rwxr-x---	1	root	ipa	689	Apr	9	1998	f_code7.ati
-rwxr-x---	1	root	ipa	37159	Apr	9	1998	fac.fit
-rwxr-x---	1	root	ipa	15028	Apr	9	1998	fac_fit1.fti
-rwxr-x---	1	root	ipa	4200	Apr	9	1998	fac_fit2.fti
-rwxr-x---	1	root	ipa	4232	Apr	9	1998	fac_fit3.fti
-rwxr-x---	1	root	ipa	21372	Apr	9	1998	fac_fit4.fti
-rwxr-x---	1	root	ipa	617	Apr	9	1998	fca
-rwxr-x---	1	root	ipa	3153	Apr	9	1998	fcs
-rwxr-x---	1	root	ipa	112	Apr	9	1998	fcx
-rwxr-x---	1	root	ipa	279	Apr	9	1998	indl.lft
-rwxr-x---	1	root	ipa	270	Apr	9	1998	indl.ljt
-rwxr-x---	1	root	ipa	108	Apr	9	1998	indl1.jti
-rwxr-x---	1	root	ipa	88	Apr	9	1998	indl2.jti
-rwxr-x---	1	root	ipa	108	Apr	9	1998	indl3.jti
-rwxr-x---	1	root	ipa	300	Apr	9	1998	indtxt.tft
-rwxr-x---	1	root	ipa	5729	Apr	9	1998	int.vdt
-rwxr-x---	1	root	ipa	4519	Apr	9	1998	obstrp.pft
-rwxr-x---	1	root	ipa	720	Apr	9	1998	procesal.jti
-rwxr-x---	1	root	ipa	210	Apr	9	1998	procesa2.jti
-rwxr-x---	1	root	ipa	720	Apr	9	1998	procesa3.jti
-rwxr-x---	1	root	ipa	2400	Apr	9	1998	processa.aft
-rwxr-x---	1	root	ipa	448	Apr	9	1998	processa.afx
-rwxr-x---	1	root	ipa	999	Apr	9	1998	processa.ajt
drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet1
drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet2
drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet3
drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet4
-rwxr-x---	1	root	ipa	3608	Apr	9	1998	storagal.jti
-rwxr-x---	1	root	ipa	694	Apr	9	1998	storaga2.jti
-rwxr-x---	1	root	ipa	3616	Apr	9	1998	storaga3.jti
-rwxr-x---	1	root	ipa	6941	Apr	9	1998	storagea.aft
-rwxr-x---	1	root	ipa	2368	Apr	9	1998	storagea.afx
-rwxr-x---	1	root	ipa	4384	Apr	9	1998	storagea.ajt
-rwxr-x---	1	root	ipa	7143	Apr	9	1998	storagep.pft
-rwxr-x---	1	root	ipa	531	Apr	9	1998	symbol.rat
-rwxr-x---	1	root	ipa	558	Apr	9	1998	tile1_id.pti
-rwxr-x---	1	root	ipa	74	Apr	9	1998	tile1_id.tti
-rwxr-x---	1	root	ipa	80	Apr	9	1998	tile3_id.pti
-rwxr-x---	1	root	ipa	458	Apr	9	1998	tile4_id.pti
-rwxr-x---	1	root	ipa	594	Apr	9	1998	tile6_id.pti
-rwxr-x---	1	root	ipa	296	Apr	9	1998	txt.fit
-rwxr-x---	1	root	ipa	84	Apr	9	1998	txt1_id.tti
-rwxr-x---	1	root	ipa	84	Apr	9	1998	txt_fit1.fti
-rwxr-x---	1	root	ipa	74	Apr	9	1998	txt_fit2.fti
-rwxr-x---	1	root	ipa	76	Apr	9	1998	txt_fit3.fti
-rwxr-x---	1	root	ipa	84	Apr	9	1998	txt_fit4.fti

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/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/ind/sheet1:

total 112

-rwxr-x---	1	root	ipa	5875	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	10312	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	5980	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	46400	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	2312	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	674	Apr	9	1998	end
-rwxr-x---	1	root	ipa	10336	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	2389	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	5920	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	10312	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	392	Apr	9	1998	nsi
-rwxr-x---	1	root	ipa	6940	Apr	9	1998	rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/ind/sheet2:

total 541

-rwxr-x---	1	root	ipa	20735	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	16096	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	21600	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	362038	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	8560	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	5694	Apr	9	1998	end
-rwxr-x---	1	root	ipa	16424	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	8213	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	20480	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	15976	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	10048	Apr	9	1998	nsi
-rwxr-x---	1	root	ipa	23956	Apr	9	1998	rng
-rwxr-x---	1	root	ipa	48	Apr	9	1998	tsi
-rwxr-x---	1	root	ipa	230	Apr	9	1998	txt
-rwxr-x---	1	root	ipa	24	Apr	9	1998	txx

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/ind/sheet3:

total 172

-rwxr-x---	1	root	ipa	7975	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	9920	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	7980	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	87982	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	3112	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	4254	Apr	9	1998	end
-rwxr-x---	1	root	ipa	9904	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	3205	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	7960	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	9896	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	8888	Apr	9	1998	nsi
-rwxr-x---	1	root	ipa	9448	Apr	9	1998	rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/ind/sheet4:

total 145

-rwxr-x---	1	root	ipa	8115	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	11208	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	8080	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	61405	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	3152	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	2634	Apr	9	1998	end
-rwxr-x---	1	root	ipa	11176	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	3077	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	7640	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	11000	Apr	9	1998	fsi

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```
-rwxr-x--- 1 root ipa 8000 Apr 9 1998 nsi
-rwxr-x--- 1 root ipa 9088 Apr 9 1998 rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/libref:
total 18
-rwxr-x--- 1 root ipa 215 Apr 9 1998 cnd
-rwxr-x--- 1 root ipa 48 Apr 9 1998 csi
-rwxr-x--- 1 root ipa 240 Apr 9 1998 ebr
-rwxr-x--- 1 root ipa 10538 Apr 9 1998 edg
-rwxr-x--- 1 root ipa 16 Apr 9 1998 edx
-rwxr-x--- 1 root ipa 40 Apr 9 1998 esi
-rwxr-x--- 1 root ipa 442 Apr 9 1998 fcs
-rwxr-x--- 1 root ipa 124 Apr 9 1998 libref.lft

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/phys:
total 47
-rwxr-x--- 1 root ipa 399 Apr 9 1998 bluff1.lft
-rwxr-x--- 1 root ipa 415 Apr 9 1998 bluff1.ljt
-rwxr-x--- 1 root ipa 228 Apr 9 1998 bluff11.jti
-rwxr-x--- 1 root ipa 118 Apr 9 1998 bluff12.jti
-rwxr-x--- 1 root ipa 156 Apr 9 1998 bluff13.jti
-rwxr-x--- 1 root ipa 603 Apr 9 1998 char.vdt
-rwxr-x--- 1 root ipa 673 Apr 9 1998 edg.fit
-rwxr-x--- 1 root ipa 238 Apr 9 1998 edg_fit1.fti
-rwxr-x--- 1 root ipa 136 Apr 9 1998 edg_fit2.fti
-rwxr-x--- 1 root ipa 130 Apr 9 1998 edg_fit3.fti
-rwxr-x--- 1 root ipa 264 Apr 9 1998 edg_fit4.fti
-rwxr-x--- 1 root ipa 531 Apr 9 1998 embank1.lft
-rwxr-x--- 1 root ipa 354 Apr 9 1998 embank1.ljt
-rwxr-x--- 1 root ipa 168 Apr 9 1998 embank11.jti
-rwxr-x--- 1 root ipa 96 Apr 9 1998 embank12.jti
-rwxr-x--- 1 root ipa 160 Apr 9 1998 embank13.jti
-rwxr-x--- 1 root ipa 129 Apr 9 1998 f_code1.tti
-rwxr-x--- 1 root ipa 89 Apr 9 1998 f_code2.ati
-rwxr-x--- 1 root ipa 91 Apr 9 1998 f_code2.lti
-rwxr-x--- 1 root ipa 403 Apr 9 1998 fac.fit
-rwxr-x--- 1 root ipa 110 Apr 9 1998 fac_fit1.fti
-rwxr-x--- 1 root ipa 114 Apr 9 1998 fac_fit2.fti
-rwxr-x--- 1 root ipa 88 Apr 9 1998 fac_fit3.fti
-rwxr-x--- 1 root ipa 156 Apr 9 1998 fac_fit4.fti
-rwxr-x--- 1 root ipa 324 Apr 9 1998 fca
-rwxr-x--- 1 root ipa 1253 Apr 9 1998 fcs
-rwxr-x--- 1 root ipa 40 Apr 9 1998 fcx
-rwxr-x--- 1 root ipa 404 Apr 9 1998 grounda.aft
-rwxr-x--- 1 root ipa 336 Apr 9 1998 grounda.ajt
-rwxr-x--- 1 root ipa 156 Apr 9 1998 grounda1.jti
-rwxr-x--- 1 root ipa 114 Apr 9 1998 grounda2.jti
-rwxr-x--- 1 root ipa 110 Apr 9 1998 grounda3.jti
-rwxr-x--- 1 root ipa 713 Apr 9 1998 int.vdt
-rwxr-x--- 1 root ipa 746 Apr 9 1998 phystxt.tft
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet1
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet2
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet3
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet4
-rwxr-x--- 1 root ipa 531 Apr 9 1998 symbol.rat
-rwxr-x--- 1 root ipa 146 Apr 9 1998 tile1_id.tti
-rwxr-x--- 1 root ipa 764 Apr 9 1998 txt.fit
-rwxr-x--- 1 root ipa 334 Apr 9 1998 txt1_id.tti
-rwxr-x--- 1 root ipa 334 Apr 9 1998 txt_fit1.fti
-rwxr-x--- 1 root ipa 146 Apr 9 1998 txt_fit2.fti
-rwxr-x--- 1 root ipa 128 Apr 9 1998 txt_fit3.fti
```

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```
-rwxr-x--- 1 root ipa 396 Apr 9 1998 txt_fit4.fti
```

```
/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/phys/sheet1:  
total 39
```

```
-rwxr-x--- 1 root ipa 455 Apr 9 1998 cnd  
-rwxr-x--- 1 root ipa 144 Apr 9 1998 csi  
-rwxr-x--- 1 root ipa 500 Apr 9 1998 ebr  
-rwxr-x--- 1 root ipa 27325 Apr 9 1998 edg  
-rwxr-x--- 1 root ipa 120 Apr 9 1998 edx  
-rwxr-x--- 1 root ipa 144 Apr 9 1998 esi  
-rwxr-x--- 1 root ipa 229 Apr 9 1998 fac  
-rwxr-x--- 1 root ipa 520 Apr 9 1998 fbr  
-rwxr-x--- 1 root ipa 152 Apr 9 1998 fsi  
-rwxr-x--- 1 root ipa 496 Apr 9 1998 rng  
-rwxr-x--- 1 root ipa 64 Apr 9 1998 tsi  
-rwxr-x--- 1 root ipa 304 Apr 9 1998 txt  
-rwxr-x--- 1 root ipa 40 Apr 9 1998 txx
```

```
/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/phys/sheet2:  
total 43
```

```
-rwxr-x--- 1 root ipa 735 Apr 9 1998 cnd  
-rwxr-x--- 1 root ipa 256 Apr 9 1998 csi  
-rwxr-x--- 1 root ipa 660 Apr 9 1998 ebr  
-rwxr-x--- 1 root ipa 31297 Apr 9 1998 edg  
-rwxr-x--- 1 root ipa 184 Apr 9 1998 edx  
-rwxr-x--- 1 root ipa 208 Apr 9 1998 esi  
-rwxr-x--- 1 root ipa 245 Apr 9 1998 fac  
-rwxr-x--- 1 root ipa 560 Apr 9 1998 fbr  
-rwxr-x--- 1 root ipa 168 Apr 9 1998 fsi  
-rwxr-x--- 1 root ipa 616 Apr 9 1998 rng  
-rwxr-x--- 1 root ipa 200 Apr 9 1998 tsi  
-rwxr-x--- 1 root ipa 969 Apr 9 1998 txt  
-rwxr-x--- 1 root ipa 176 Apr 9 1998 txx
```

```
/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/phys/sheet3:  
total 44
```

```
-rwxr-x--- 1 root ipa 1635 Apr 9 1998 cnd  
-rwxr-x--- 1 root ipa 616 Apr 9 1998 csi  
-rwxr-x--- 1 root ipa 1580 Apr 9 1998 ebr  
-rwxr-x--- 1 root ipa 30949 Apr 9 1998 edg  
-rwxr-x--- 1 root ipa 552 Apr 9 1998 edx  
-rwxr-x--- 1 root ipa 576 Apr 9 1998 esi  
-rwxr-x--- 1 root ipa 621 Apr 9 1998 fac  
-rwxr-x--- 1 root ipa 1500 Apr 9 1998 fbr  
-rwxr-x--- 1 root ipa 544 Apr 9 1998 fsi  
-rwxr-x--- 1 root ipa 1732 Apr 9 1998 rng
```

```
/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/phys/sheet4:  
total 42
```

```
-rwxr-x--- 1 root ipa 1655 Apr 9 1998 cnd  
-rwxr-x--- 1 root ipa 624 Apr 9 1998 csi  
-rwxr-x--- 1 root ipa 1560 Apr 9 1998 ebr  
-rwxr-x--- 1 root ipa 26389 Apr 9 1998 edg  
-rwxr-x--- 1 root ipa 544 Apr 9 1998 edx  
-rwxr-x--- 1 root ipa 568 Apr 9 1998 esi  
-rwxr-x--- 1 root ipa 573 Apr 9 1998 fac  
-rwxr-x--- 1 root ipa 1380 Apr 9 1998 fbr  
-rwxr-x--- 1 root ipa 496 Apr 9 1998 fsi  
-rwxr-x--- 1 root ipa 1612 Apr 9 1998 rng  
-rwxr-x--- 1 root ipa 56 Apr 9 1998 tsi  
-rwxr-x--- 1 root ipa 269 Apr 9 1998 txt
```

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```

-rwxr-x--- 1 root ipa 32 Apr 9 1998 txx

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/pop:
total 941
-rwxr-x--- 1 root ipa 187394 Apr 9 1998 bldpopa.aft
-rwxr-x--- 1 root ipa 37856 Apr 9 1998 bldpopa.afx
-rwxr-x--- 1 root ipa 66559 Apr 9 1998 bldpopa.ajt
-rwxr-x--- 1 root ipa 56860 Apr 9 1998 bldpopa1.jti
-rwxr-x--- 1 root ipa 9576 Apr 9 1998 bldpopa2.jti
-rwxr-x--- 1 root ipa 29464 Apr 9 1998 bldpopa3.jti
-rwxr-x--- 1 root ipa 70533 Apr 9 1998 bldpopp.pft
-rwxr-x--- 1 root ipa 12424 Apr 9 1998 bldpopp.pfx
-rwxr-x--- 1 root ipa 6132 Apr 9 1998 builtua1.jti
-rwxr-x--- 1 root ipa 1134 Apr 9 1998 builtua2.jti
-rwxr-x--- 1 root ipa 6264 Apr 9 1998 builtua3.jti
-rwxr-x--- 1 root ipa 15541 Apr 9 1998 builtupa.aft
-rwxr-x--- 1 root ipa 4024 Apr 9 1998 builtupa.afx
-rwxr-x--- 1 root ipa 7464 Apr 9 1998 builtupa.ajt
-rwxr-x--- 1 root ipa 2274 Apr 9 1998 char.vdt
-rwxr-x--- 1 root ipa 1500 Apr 9 1998 cmpxpoa1.jti
-rwxr-x--- 1 root ipa 340 Apr 9 1998 cmpxpoa2.jti
-rwxr-x--- 1 root ipa 1500 Apr 9 1998 cmpxpoa3.jti
-rwxr-x--- 1 root ipa 7622 Apr 9 1998 cmpxpopa.aft
-rwxr-x--- 1 root ipa 968 Apr 9 1998 cmpxpopa.afx
-rwxr-x--- 1 root ipa 1905 Apr 9 1998 cmpxpopa.ajt
-rwxr-x--- 1 root ipa 28634 Apr 9 1998 end.fit
-rwxr-x--- 1 root ipa 16758 Apr 9 1998 end1_id.pti
-rwxr-x--- 1 root ipa 340 Apr 9 1998 end2_id.pti
-rwxr-x--- 1 root ipa 16864 Apr 9 1998 end_fit1.fti
-rwxr-x--- 1 root ipa 3252 Apr 9 1998 end_fit2.fti
-rwxr-x--- 1 root ipa 3236 Apr 9 1998 end_fit3.fti
-rwxr-x--- 1 root ipa 18780 Apr 9 1998 end_fit4.fti
-rwxr-x--- 1 root ipa 739 Apr 9 1998 f_code1.tti
-rwxr-x--- 1 root ipa 134 Apr 9 1998 f_code2.pti
-rwxr-x--- 1 root ipa 120 Apr 9 1998 f_code5.ati
-rwxr-x--- 1 root ipa 101257 Apr 9 1998 fac.fit
-rwxr-x--- 1 root ipa 34062 Apr 9 1998 fac_fit1.fti
-rwxr-x--- 1 root ipa 11322 Apr 9 1998 fac_fit2.fti
-rwxr-x--- 1 root ipa 11364 Apr 9 1998 fac_fit3.fti
-rwxr-x--- 1 root ipa 59604 Apr 9 1998 fac_fit4.fti
-rwxr-x--- 1 root ipa 516 Apr 9 1998 fca
-rwxr-x--- 1 root ipa 2611 Apr 9 1998 fcs
-rwxr-x--- 1 root ipa 88 Apr 9 1998 fcx
-rwxr-x--- 1 root ipa 5932 Apr 9 1998 int.vdt
-rwxr-x--- 1 root ipa 2628 Apr 9 1998 landmra1.jti
-rwxr-x--- 1 root ipa 528 Apr 9 1998 landmra2.jti
-rwxr-x--- 1 root ipa 2628 Apr 9 1998 landmra3.jti
-rwxr-x--- 1 root ipa 7309 Apr 9 1998 landmrka.aft
-rwxr-x--- 1 root ipa 1720 Apr 9 1998 landmrka.afx
-rwxr-x--- 1 root ipa 3223 Apr 9 1998 landmrka.ajt
-rwxr-x--- 1 root ipa 1802 Apr 9 1998 landmrkp.pft
-rwxr-x--- 1 root ipa 200 Apr 9 1998 landmrkp.pfx
-rwxr-x--- 1 root ipa 929 Apr 9 1998 mila.aft
-rwxr-x--- 1 root ipa 152 Apr 9 1998 mila.afx
-rwxr-x--- 1 root ipa 466 Apr 9 1998 mila.ajt
-rwxr-x--- 1 root ipa 276 Apr 9 1998 mila1.jti
-rwxr-x--- 1 root ipa 114 Apr 9 1998 mila2.jti
-rwxr-x--- 1 root ipa 276 Apr 9 1998 mila3.jti
-rwxr-x--- 1 root ipa 166 Apr 9 1998 plazaa.aft
-rwxr-x--- 1 root ipa 16 Apr 9 1998 plazaa.afx
-rwxr-x--- 1 root ipa 233 Apr 9 1998 plazaa.ajt

```

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```

-rwxr-x--- 1 root ipa 72 Apr 9 1998 plazaa1.jti
-rwxr-x--- 1 root ipa 70 Apr 9 1998 plazaa2.jti
-rwxr-x--- 1 root ipa 72 Apr 9 1998 plazaa3.jti
-rwxr-x--- 1 root ipa 5724 Apr 9 1998 poptxt.tft
-rwxr-x--- 1 root ipa 415 Apr 9 1998 ruinsa.aft
-rwxr-x--- 1 root ipa 32 Apr 9 1998 ruinsa.afx
-rwxr-x--- 1 root ipa 261 Apr 9 1998 ruinsa.ajt
-rwxr-x--- 1 root ipa 96 Apr 9 1998 ruinsa1.jti
-rwxr-x--- 1 root ipa 76 Apr 9 1998 ruinsa2.jti
-rwxr-x--- 1 root ipa 96 Apr 9 1998 ruinsa3.jti
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet1
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet2
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet3
drwxr-x--- 2 root ipa 512 Nov 5 14:33 sheet4
-rwxr-x--- 1 root ipa 531 Apr 9 1998 symbol.rat
-rwxr-x--- 1 root ipa 3204 Apr 9 1998 tile1_id.pti
-rwxr-x--- 1 root ipa 742 Apr 9 1998 tile1_id.tti
-rwxr-x--- 1 root ipa 146 Apr 9 1998 tile2_id.pti
-rwxr-x--- 1 root ipa 6038 Apr 9 1998 txt.fit
-rwxr-x--- 1 root ipa 1898 Apr 9 1998 txt1_id.tti
-rwxr-x--- 1 root ipa 1898 Apr 9 1998 txt_fit1.fti
-rwxr-x--- 1 root ipa 742 Apr 9 1998 txt_fit2.fti
-rwxr-x--- 1 root ipa 714 Apr 9 1998 txt_fit3.fti
-rwxr-x--- 1 root ipa 3912 Apr 9 1998 txt_fit4.fti

```

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/pop/sheet1:

total 528

```

-rwxr-x--- 1 root ipa 26775 Apr 9 1998 cnd
-rwxr-x--- 1 root ipa 10704 Apr 9 1998 csi
-rwxr-x--- 1 root ipa 29380 Apr 9 1998 ebr
-rwxr-x--- 1 root ipa 366328 Apr 9 1998 edg
-rwxr-x--- 1 root ipa 11672 Apr 9 1998 edx
-rwxr-x--- 1 root ipa 1194 Apr 9 1998 end
-rwxr-x--- 1 root ipa 11728 Apr 9 1998 esi
-rwxr-x--- 1 root ipa 8333 Apr 9 1998 fac
-rwxr-x--- 1 root ipa 20780 Apr 9 1998 fbr
-rwxr-x--- 1 root ipa 8288 Apr 9 1998 fsi
-rwxr-x--- 1 root ipa 440 Apr 9 1998 nsi
-rwxr-x--- 1 root ipa 23272 Apr 9 1998 rng
-rwxr-x--- 1 root ipa 424 Apr 9 1998 tsi
-rwxr-x--- 1 root ipa 2028 Apr 9 1998 txt
-rwxr-x--- 1 root ipa 400 Apr 9 1998 txx

```

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/pop/sheet2:

total 921

```

-rwxr-x--- 1 root ipa 45215 Apr 9 1998 cnd
-rwxr-x--- 1 root ipa 18160 Apr 9 1998 csi
-rwxr-x--- 1 root ipa 47180 Apr 9 1998 ebr
-rwxr-x--- 1 root ipa 645329 Apr 9 1998 edg
-rwxr-x--- 1 root ipa 18792 Apr 9 1998 edx
-rwxr-x--- 1 root ipa 2194 Apr 9 1998 end
-rwxr-x--- 1 root ipa 19056 Apr 9 1998 esi
-rwxr-x--- 1 root ipa 16741 Apr 9 1998 fac
-rwxr-x--- 1 root ipa 41800 Apr 9 1998 fbr
-rwxr-x--- 1 root ipa 16776 Apr 9 1998 fsi
-rwxr-x--- 1 root ipa 840 Apr 9 1998 nsi
-rwxr-x--- 1 root ipa 48880 Apr 9 1998 rng
-rwxr-x--- 1 root ipa 840 Apr 9 1998 tsi
-rwxr-x--- 1 root ipa 3964 Apr 9 1998 txt
-rwxr-x--- 1 root ipa 816 Apr 9 1998 txx

```

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/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/pop/sheet3:

total 554

-rwxr-x---	1	root	ipa	22315	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	8904	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	22800	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	406729	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	9040	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	1734	Apr	9	1998	end
-rwxr-x---	1	root	ipa	9080	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	8677	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	21640	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	8616	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	656	Apr	9	1998	nsi
-rwxr-x---	1	root	ipa	25576	Apr	9	1998	rng
-rwxr-x---	1	root	ipa	776	Apr	9	1998	tsi
-rwxr-x---	1	root	ipa	3651	Apr	9	1998	txt
-rwxr-x---	1	root	ipa	752	Apr	9	1998	txx

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/pop/sheet4:

total 611

-rwxr-x---	1	root	ipa	35075	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	14040	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	35700	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	346647	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	14200	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	27074	Apr	9	1998	end
-rwxr-x---	1	root	ipa	14272	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	14013	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	34980	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	13984	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	10840	Apr	9	1998	nsi
-rwxr-x---	1	root	ipa	41500	Apr	9	1998	rng
-rwxr-x---	1	root	ipa	656	Apr	9	1998	tsi
-rwxr-x---	1	root	ipa	3036	Apr	9	1998	txt
-rwxr-x---	1	root	ipa	632	Apr	9	1998	txx

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/tileref:

total 31

-rwxr-x---	1	root	ipa	295	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	80	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	400	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	20305	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	80	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	104	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	227	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	320	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	439	Apr	9	1998	fcs
-rwxr-x---	1	root	ipa	72	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	220	Apr	9	1998	rng
-rwxr-x---	1	root	ipa	216	Apr	9	1998	tileref.aft

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/trans:

total 4160

-rwxr-x---	1	root	ipa	1068	Apr	9	1998	aerofaa1.jti
-rwxr-x---	1	root	ipa	258	Apr	9	1998	aerofaa2.jti
-rwxr-x---	1	root	ipa	846	Apr	9	1998	aerofaa3.jti
-rwxr-x---	1	root	ipa	4756	Apr	9	1998	aerofaca.aft
-rwxr-x---	1	root	ipa	680	Apr	9	1998	aerofaca.afx
-rwxr-x---	1	root	ipa	1412	Apr	9	1998	aerofaca.ajt
-rwxr-x---	1	root	ipa	962	Apr	9	1998	aerofacl.lft
-rwxr-x---	1	root	ipa	670	Apr	9	1998	aerofacl.ljt

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-rwxr-x---	1	root	ipa	432	Apr	9	1998	aerofal1.jti
-rwxr-x---	1	root	ipa	132	Apr	9	1998	aerofal2.jti
-rwxr-x---	1	root	ipa	432	Apr	9	1998	aerofal3.jti
-rwxr-x---	1	root	ipa	17700	Apr	9	1998	bridgel.lft
-rwxr-x---	1	root	ipa	2976	Apr	9	1998	bridgel.lfx
-rwxr-x---	1	root	ipa	5418	Apr	9	1998	bridgel.ljt
-rwxr-x---	1	root	ipa	4512	Apr	9	1998	bridgel1.jti
-rwxr-x---	1	root	ipa	842	Apr	9	1998	bridgel2.jti
-rwxr-x---	1	root	ipa	2794	Apr	9	1998	bridgel3.jti
-rwxr-x---	1	root	ipa	2530	Apr	9	1998	char.vdt
-rwxr-x---	1	root	ipa	654	Apr	9	1998	cnd.fit
-rwxr-x---	1	root	ipa	180	Apr	9	1998	cnd4_id.nti
-rwxr-x---	1	root	ipa	132	Apr	9	1998	cnd5_id.nti
-rwxr-x---	1	root	ipa	220	Apr	9	1998	cnd_fit1.fti
-rwxr-x---	1	root	ipa	142	Apr	9	1998	cnd_fit2.fti
-rwxr-x---	1	root	ipa	128	Apr	9	1998	cnd_fit3.fti
-rwxr-x---	1	root	ipa	276	Apr	9	1998	cnd_fit4.fti
-rwxr-x---	1	root	ipa	581137	Apr	9	1998	edg.fit
-rwxr-x---	1	root	ipa	209962	Apr	9	1998	edg_fit1.fti
-rwxr-x---	1	root	ipa	64642	Apr	9	1998	edg_fit2.fti
-rwxr-x---	1	root	ipa	64674	Apr	9	1998	edg_fit3.fti
-rwxr-x---	1	root	ipa	371602	Apr	9	1998	edg_fit4.fti
-rwxr-x---	1	root	ipa	320	Apr	9	1998	end.fit
-rwxr-x---	1	root	ipa	72	Apr	9	1998	end1_id.pti
-rwxr-x---	1	root	ipa	84	Apr	9	1998	end2_id.pti
-rwxr-x---	1	root	ipa	88	Apr	9	1998	end_fit1.fti
-rwxr-x---	1	root	ipa	84	Apr	9	1998	end_fit2.fti
-rwxr-x---	1	root	ipa	88	Apr	9	1998	end_fit3.fti
-rwxr-x---	1	root	ipa	88	Apr	9	1998	end_fit4.fti
-rwxr-x---	1	root	ipa	280	Apr	9	1998	f_code1.ati
-rwxr-x---	1	root	ipa	148	Apr	9	1998	f_code1.lti
-rwxr-x---	1	root	ipa	92	Apr	9	1998	f_code1.tti
-rwxr-x---	1	root	ipa	828	Apr	9	1998	f_code2.lti
-rwxr-x---	1	root	ipa	77	Apr	9	1998	f_code2.pti
-rwxr-x---	1	root	ipa	248	Apr	9	1998	f_code3.ati
-rwxr-x---	1	root	ipa	1568	Apr	9	1998	f_code6.lti
-rwxr-x---	1	root	ipa	61102	Apr	9	1998	f_code8.lti
-rwxr-x---	1	root	ipa	4021	Apr	9	1998	fac.fit
-rwxr-x---	1	root	ipa	1348	Apr	9	1998	fac_fit1.fti
-rwxr-x---	1	root	ipa	518	Apr	9	1998	fac_fit2.fti
-rwxr-x---	1	root	ipa	538	Apr	9	1998	fac_fit3.fti
-rwxr-x---	1	root	ipa	1482	Apr	9	1998	fac_fit4.fti
-rwxr-x---	1	root	ipa	740	Apr	9	1998	fca
-rwxr-x---	1	root	ipa	3975	Apr	9	1998	fcs
-rwxr-x---	1	root	ipa	136	Apr	9	1998	fcx
-rwxr-x---	1	root	ipa	483	Apr	9	1998	ferryl.lft
-rwxr-x---	1	root	ipa	40	Apr	9	1998	ferryl.lfx
-rwxr-x---	1	root	ipa	284	Apr	9	1998	ferryl.ljt
-rwxr-x---	1	root	ipa	108	Apr	9	1998	ferryl1.jti
-rwxr-x---	1	root	ipa	78	Apr	9	1998	ferryl2.jti
-rwxr-x---	1	root	ipa	108	Apr	9	1998	ferryl3.jti
-rwxr-x---	1	root	ipa	1257	Apr	9	1998	harbora.aft
-rwxr-x---	1	root	ipa	1372	Apr	9	1998	harbora.ajt
-rwxr-x---	1	root	ipa	1044	Apr	9	1998	harbora1.jti
-rwxr-x---	1	root	ipa	244	Apr	9	1998	harbora2.jti
-rwxr-x---	1	root	ipa	812	Apr	9	1998	harbora3.jti
-rwxr-x---	1	root	ipa	5672	Apr	9	1998	int.vdt
-rwxr-x---	1	root	ipa	462	Apr	9	1998	lthsp.pft
-rwxr-x---	1	root	ipa	16	Apr	9	1998	lthsp.pfx
-rwxr-x---	1	root	ipa	624	Apr	9	1998	misaerop.pft
-rwxr-x---	1	root	ipa	24	Apr	9	1998	misaerop.pfx

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-rwxr-x---	1	root	ipa	27696	Apr	9	1998	railrd1.lft
-rwxr-x---	1	root	ipa	5936	Apr	9	1998	railrd1.lfx
-rwxr-x---	1	root	ipa	10684	Apr	9	1998	railrd1.ljt
-rwxr-x---	1	root	ipa	8974	Apr	9	1998	railrd11.jti
-rwxr-x---	1	root	ipa	1594	Apr	9	1998	railrd12.jti
-rwxr-x---	1	root	ipa	5664	Apr	9	1998	railrd13.jti
-rwxr-x---	1	root	ipa	800	Apr	9	1998	roada.aft
-rwxr-x---	1	root	ipa	48	Apr	9	1998	roada.afx
-rwxr-x---	1	root	ipa	284	Apr	9	1998	roada.ajt
-rwxr-x---	1	root	ipa	120	Apr	9	1998	roada1.jti
-rwxr-x---	1	root	ipa	80	Apr	9	1998	roada2.jti
-rwxr-x---	1	root	ipa	120	Apr	9	1998	roada3.jti
-rwxr-x---	1	root	ipa	1262784	Apr	9	1998	road1.lft
-rwxr-x---	1	root	ipa	244072	Apr	9	1998	road1.lfx
-rwxr-x---	1	root	ipa	431400	Apr	9	1998	road1.ljt
-rwxr-x---	1	root	ipa	367310	Apr	9	1998	road11.jti
-rwxr-x---	1	root	ipa	61698	Apr	9	1998	road12.jti
-rwxr-x---	1	root	ipa	203990	Apr	9	1998	road13.jti
-rwxr-x---	1	root	ipa	414	Apr	9	1998	rryarda.aft
-rwxr-x---	1	root	ipa	128	Apr	9	1998	rryarda.afx
-rwxr-x---	1	root	ipa	441	Apr	9	1998	rryarda.ajt
-rwxr-x---	1	root	ipa	240	Apr	9	1998	rryarda1.jti
-rwxr-x---	1	root	ipa	100	Apr	9	1998	rryarda2.jti
-rwxr-x---	1	root	ipa	240	Apr	9	1998	rryarda3.jti
drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet1
drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet2
drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet3
drwxr-x---	2	root	ipa	512	Nov	5	14:33	sheet4
-rwxr-x---	1	root	ipa	336	Apr	9	1998	statioa1.jti
-rwxr-x---	1	root	ipa	146	Apr	9	1998	statioa2.jti
-rwxr-x---	1	root	ipa	336	Apr	9	1998	statioa3.jti
-rwxr-x---	1	root	ipa	1016	Apr	9	1998	stationa.aft
-rwxr-x---	1	root	ipa	192	Apr	9	1998	stationa.afx
-rwxr-x---	1	root	ipa	548	Apr	9	1998	stationa.ajt
-rwxr-x---	1	root	ipa	757	Apr	9	1998	stationc.pft
-rwxr-x---	1	root	ipa	136	Apr	9	1998	stationc.pfx
-rwxr-x---	1	root	ipa	531	Apr	9	1998	symbol.rat
-rwxr-x---	1	root	ipa	132	Apr	9	1998	tile1_id.lti
-rwxr-x---	1	root	ipa	70	Apr	9	1998	tile1_id.pti
-rwxr-x---	1	root	ipa	94	Apr	9	1998	tile1_id.tti
-rwxr-x---	1	root	ipa	74	Apr	9	1998	tile2_id.pti
-rwxr-x---	1	root	ipa	78	Apr	9	1998	tile3_id.lti
-rwxr-x---	1	root	ipa	130	Apr	9	1998	tile4_id.nti
-rwxr-x---	1	root	ipa	92	Apr	9	1998	tile5_id.nti
-rwxr-x---	1	root	ipa	3658	Apr	9	1998	track1.lft
-rwxr-x---	1	root	ipa	4690	Apr	9	1998	track1.ljt
-rwxr-x---	1	root	ipa	3880	Apr	9	1998	track11.jti
-rwxr-x---	1	root	ipa	728	Apr	9	1998	track12.jti
-rwxr-x---	1	root	ipa	3888	Apr	9	1998	track13.jti
-rwxr-x---	1	root	ipa	340	Apr	9	1998	transtxt.tft
-rwxr-x---	1	root	ipa	598	Apr	9	1998	tunenexc.pft
-rwxr-x---	1	root	ipa	56	Apr	9	1998	tunenexc.pfx
-rwxr-x---	1	root	ipa	332	Apr	9	1998	txt.fit
-rwxr-x---	1	root	ipa	90	Apr	9	1998	txt1_id.tti
-rwxr-x---	1	root	ipa	90	Apr	9	1998	txt_fit1.fti
-rwxr-x---	1	root	ipa	94	Apr	9	1998	txt_fit2.fti
-rwxr-x---	1	root	ipa	80	Apr	9	1998	txt_fit3.fti
-rwxr-x---	1	root	ipa	108	Apr	9	1998	txt_fit4.fti

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/trans/sheet1:
total 1449

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-rwxr-x---	1	root	ipa	95355	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	38472	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	151660	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	908707	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	60584	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	214	Apr	9	1998	end
-rwxr-x---	1	root	ipa	61360	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	22917	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	57240	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	23016	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	48	Apr	9	1998	nsi
-rwxr-x---	1	root	ipa	34804	Apr	9	1998	rng
-rwxr-x---	1	root	ipa	40	Apr	9	1998	tsi
-rwxr-x---	1	root	ipa	186	Apr	9	1998	txt
-rwxr-x---	1	root	ipa	16	Apr	9	1998	txx

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/trans/sheet2:
total 2502

-rwxr-x---	1	root	ipa	167815	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	68064	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	262840	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	1548149	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	105056	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	194	Apr	9	1998	end
-rwxr-x---	1	root	ipa	106856	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	38573	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	96380	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	38976	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	40	Apr	9	1998	nsi
-rwxr-x---	1	root	ipa	58540	Apr	9	1998	rng
-rwxr-x---	1	root	ipa	48	Apr	9	1998	tsi
-rwxr-x---	1	root	ipa	223	Apr	9	1998	txt
-rwxr-x---	1	root	ipa	24	Apr	9	1998	txx

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/trans/sheet3:
total 1400

-rwxr-x---	1	root	ipa	84455	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	34128	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	122000	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	980661	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	48720	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	49128	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	15221	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	38000	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	15192	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	22972	Apr	9	1998	rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/trans/sheet4:
total 815

-rwxr-x---	1	root	ipa	81875	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	33128	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	116600	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	388886	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	46560	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	47432	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	14213	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	35480	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	14344	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	21640	Apr	9	1998	rng
-rwxr-x---	1	root	ipa	40	Apr	9	1998	tsi
-rwxr-x---	1	root	ipa	186	Apr	9	1998	txt

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```

-rwxr-x--- 1 root ipa 16 Apr 9 1998 txx

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/util:
total 127
-rwxr-x--- 1 root ipa 929 Apr 9 1998 char.vdt
-rwxr-x--- 1 root ipa 5100 Apr 9 1998 cnd.fit
-rwxr-x--- 1 root ipa 1906 Apr 9 1998 cnd1_id.nti
-rwxr-x--- 1 root ipa 1906 Apr 9 1998 cnd_fit1.fti
-rwxr-x--- 1 root ipa 638 Apr 9 1998 cnd_fit2.fti
-rwxr-x--- 1 root ipa 610 Apr 9 1998 cnd_fit3.fti
-rwxr-x--- 1 root ipa 3288 Apr 9 1998 cnd_fit4.fti
-rwxr-x--- 1 root ipa 709 Apr 9 1998 comma.aft
-rwxr-x--- 1 root ipa 72 Apr 9 1998 comma.afx
-rwxr-x--- 1 root ipa 329 Apr 9 1998 comma.ajt
-rwxr-x--- 1 root ipa 156 Apr 9 1998 comma1.jti
-rwxr-x--- 1 root ipa 104 Apr 9 1998 comma2.jti
-rwxr-x--- 1 root ipa 122 Apr 9 1998 comma3.jti
-rwxr-x--- 1 root ipa 6400 Apr 9 1998 commp.pft
-rwxr-x--- 1 root ipa 1288 Apr 9 1998 commp.pfx
-rwxr-x--- 1 root ipa 6217 Apr 9 1998 edg.fit
-rwxr-x--- 1 root ipa 2300 Apr 9 1998 edg_fit1.fti
-rwxr-x--- 1 root ipa 762 Apr 9 1998 edg_fit2.fti
-rwxr-x--- 1 root ipa 746 Apr 9 1998 edg_fit3.fti
-rwxr-x--- 1 root ipa 3792 Apr 9 1998 edg_fit4.fti
-rwxr-x--- 1 root ipa 3146 Apr 9 1998 end.fit
-rwxr-x--- 1 root ipa 1726 Apr 9 1998 end1_id.pti
-rwxr-x--- 1 root ipa 1726 Apr 9 1998 end_fit1.fti
-rwxr-x--- 1 root ipa 420 Apr 9 1998 end_fit2.fti
-rwxr-x--- 1 root ipa 392 Apr 9 1998 end_fit3.fti
-rwxr-x--- 1 root ipa 1980 Apr 9 1998 end_fit4.fti
-rwxr-x--- 1 root ipa 89 Apr 9 1998 f_codel.ati
-rwxr-x--- 1 root ipa 624 Apr 9 1998 f_codel.nti
-rwxr-x--- 1 root ipa 393 Apr 9 1998 f_codel.pti
-rwxr-x--- 1 root ipa 619 Apr 9 1998 fac.fit
-rwxr-x--- 1 root ipa 182 Apr 9 1998 fac_fit1.fti
-rwxr-x--- 1 root ipa 140 Apr 9 1998 fac_fit2.fti
-rwxr-x--- 1 root ipa 136 Apr 9 1998 fac_fit3.fti
-rwxr-x--- 1 root ipa 194 Apr 9 1998 fac_fit4.fti
-rwxr-x--- 1 root ipa 427 Apr 9 1998 fca
-rwxr-x--- 1 root ipa 1930 Apr 9 1998 fcs
-rwxr-x--- 1 root ipa 64 Apr 9 1998 fcx
-rwxr-x--- 1 root ipa 1479 Apr 9 1998 int.vdt
-rwxr-x--- 1 root ipa 736 Apr 9 1998 pipel.lft
-rwxr-x--- 1 root ipa 596 Apr 9 1998 pipel.ljt
-rwxr-x--- 1 root ipa 384 Apr 9 1998 pipel1.jti
-rwxr-x--- 1 root ipa 134 Apr 9 1998 pipel2.jti
-rwxr-x--- 1 root ipa 304 Apr 9 1998 pipel3.jti
-rwxr-x--- 1 root ipa 5411 Apr 9 1998 power1.lft
-rwxr-x--- 1 root ipa 4475 Apr 9 1998 power1.ljt
-rwxr-x--- 1 root ipa 3684 Apr 9 1998 power11.jti
-rwxr-x--- 1 root ipa 708 Apr 9 1998 power12.jti
-rwxr-x--- 1 root ipa 2246 Apr 9 1998 power13.jti
-rwxr-x--- 1 root ipa 120 Apr 9 1998 powruta1.jti
-rwxr-x--- 1 root ipa 96 Apr 9 1998 powruta2.jti
-rwxr-x--- 1 root ipa 120 Apr 9 1998 powruta3.jti
-rwxr-x--- 1 root ipa 591 Apr 9 1998 powrutla.aft
-rwxr-x--- 1 root ipa 48 Apr 9 1998 powrutla.afx
-rwxr-x--- 1 root ipa 288 Apr 9 1998 powrutla.ajt
drwxr-x--- 2 root ipa 512 Nov 5 14:34 sheet1
drwxr-x--- 2 root ipa 512 Nov 5 14:34 sheet2
drwxr-x--- 2 root ipa 512 Nov 5 14:34 sheet3

```

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drwxr-x---	2	root	ipa	512	Nov	5	14:34	sheet4
-rwxr-x---	1	root	ipa	144	Apr	9	1998	substaa1.jti
-rwxr-x---	1	root	ipa	102	Apr	9	1998	substaa2.jti
-rwxr-x---	1	root	ipa	128	Apr	9	1998	substaa3.jti
-rwxr-x---	1	root	ipa	368	Apr	9	1998	substata.aft
-rwxr-x---	1	root	ipa	64	Apr	9	1998	substata.afx
-rwxr-x---	1	root	ipa	327	Apr	9	1998	substata.ajt
-rwxr-x---	1	root	ipa	638	Apr	9	1998	tile1_id.nti
-rwxr-x---	1	root	ipa	420	Apr	9	1998	tile1_id.pti
-rwxr-x---	1	root	ipa	8634	Apr	9	1998	translnc.pft
-rwxr-x---	1	root	ipa	2160	Apr	9	1998	translnc.pfx

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/util/sheet1:

total 16

-rwxr-x---	1	root	ipa	1035	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	376	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	1060	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	3055	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	344	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	234	Apr	9	1998	end
-rwxr-x---	1	root	ipa	368	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	149	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	320	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	72	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	56	Apr	9	1998	nsi
-rwxr-x---	1	root	ipa	268	Apr	9	1998	rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/util/sheet2:

total 30

-rwxr-x---	1	root	ipa	3195	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	1240	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	3220	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	9467	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	1208	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	254	Apr	9	1998	end
-rwxr-x---	1	root	ipa	1232	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	181	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	400	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	104	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	64	Apr	9	1998	nsi
-rwxr-x---	1	root	ipa	364	Apr	9	1998	rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/util/sheet3:

total 21

-rwxr-x---	1	root	ipa	1995	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	760	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	2060	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	6663	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	744	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	634	Apr	9	1998	end
-rwxr-x---	1	root	ipa	768	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	173	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	380	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	96	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	216	Apr	9	1998	nsi
-rwxr-x---	1	root	ipa	316	Apr	9	1998	rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/util/sheet4:

total 25

-rwxr-x---	1	root	ipa	1655	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	624	Apr	9	1998	csi

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```

-rwxr-x--- 1 root ipa 1640 Apr 9 1998 ebr
-rwxr-x--- 1 root ipa 8695 Apr 9 1998 edg
-rwxr-x--- 1 root ipa 576 Apr 9 1998 edx
-rwxr-x--- 1 root ipa 2774 Apr 9 1998 end
-rwxr-x--- 1 root ipa 600 Apr 9 1998 esi
-rwxr-x--- 1 root ipa 149 Apr 9 1998 fac
-rwxr-x--- 1 root ipa 320 Apr 9 1998 fbr
-rwxr-x--- 1 root ipa 72 Apr 9 1998 fsi
-rwxr-x--- 1 root ipa 1072 Apr 9 1998 nsi
-rwxr-x--- 1 root ipa 292 Apr 9 1998 rng

```

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/veg:

total 117

```

-rwxr-x--- 1 root ipa 546 Apr 9 1998 char.vdt
-rwxr-x--- 1 root ipa 89 Apr 9 1998 f_code1.tti
-rwxr-x--- 1 root ipa 79 Apr 9 1998 f_code2.ati
-rwxr-x--- 1 root ipa 361 Apr 9 1998 f_code3.ati
-rwxr-x--- 1 root ipa 1246 Apr 9 1998 f_code5.ati
-rwxr-x--- 1 root ipa 13399 Apr 9 1998 fac.fit
-rwxr-x--- 1 root ipa 4628 Apr 9 1998 fac_fit1.fti
-rwxr-x--- 1 root ipa 1560 Apr 9 1998 fac_fit2.fti
-rwxr-x--- 1 root ipa 1556 Apr 9 1998 fac_fit3.fti
-rwxr-x--- 1 root ipa 7608 Apr 9 1998 fac_fit4.fti
-rwxr-x--- 1 root ipa 320 Apr 9 1998 fca
-rwxr-x--- 1 root ipa 1251 Apr 9 1998 fcs
-rwxr-x--- 1 root ipa 40 Apr 9 1998 fcx
-rwxr-x--- 1 root ipa 321 Apr 9 1998 grassa.aft
-rwxr-x--- 1 root ipa 259 Apr 9 1998 grassa.ajt
-rwxr-x--- 1 root ipa 96 Apr 9 1998 grassa1.jti
-rwxr-x--- 1 root ipa 76 Apr 9 1998 grassa2.jti
-rwxr-x--- 1 root ipa 96 Apr 9 1998 grassa3.jti
-rwxr-x--- 1 root ipa 841 Apr 9 1998 int.vdt
-rwxr-x--- 1 root ipa 1792 Apr 9 1998 orchara1.jti
-rwxr-x--- 1 root ipa 390 Apr 9 1998 orchara2.jti
-rwxr-x--- 1 root ipa 1072 Apr 9 1998 orchara3.jti
-rwxr-x--- 1 root ipa 2432 Apr 9 1998 orcharda.aft
-rwxr-x--- 1 root ipa 2250 Apr 9 1998 orcharda.ajt
drwxr-x--- 2 root ipa 512 Nov 5 14:34 sheet1
drwxr-x--- 2 root ipa 512 Nov 5 14:34 sheet2
drwxr-x--- 2 root ipa 512 Nov 5 14:34 sheet3
drwxr-x--- 2 root ipa 512 Nov 5 14:34 sheet4
-rwxr-x--- 1 root ipa 531 Apr 9 1998 symbol.rat
-rwxr-x--- 1 root ipa 86 Apr 9 1998 tile1_id.tti
-rwxr-x--- 1 root ipa 19184 Apr 9 1998 treesa.aft
-rwxr-x--- 1 root ipa 4648 Apr 9 1998 treesa.afx
-rwxr-x--- 1 root ipa 8361 Apr 9 1998 treesa.ajt
-rwxr-x--- 1 root ipa 7028 Apr 9 1998 treesa1.jti
-rwxr-x--- 1 root ipa 1264 Apr 9 1998 treesa2.jti
-rwxr-x--- 1 root ipa 4182 Apr 9 1998 treesa3.jti
-rwxr-x--- 1 root ipa 404 Apr 9 1998 txt.fit
-rwxr-x--- 1 root ipa 156 Apr 9 1998 txt_fit1.fti
-rwxr-x--- 1 root ipa 86 Apr 9 1998 txt_fit2.fti
-rwxr-x--- 1 root ipa 88 Apr 9 1998 txt_fit3.fti
-rwxr-x--- 1 root ipa 156 Apr 9 1998 txt_fit4.fti
-rwxr-x--- 1 root ipa 404 Apr 9 1998 vegtxt.tft

```

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/veg/sheet1:

total 163

```

-rwxr-x--- 1 root ipa 5895 Apr 9 1998 cnd
-rwxr-x--- 1 root ipa 2320 Apr 9 1998 csi
-rwxr-x--- 1 root ipa 6160 Apr 9 1998 ebr

```

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-rwxr-x---	1	root	ipa	119125	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	2384	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	2408	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	1517	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	3740	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	1440	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	4228	Apr	9	1998	rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/veg/sheet2:

total 336

-rwxr-x---	1	root	ipa	5175	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	2032	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	6060	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	298869	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	2344	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	2368	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	1565	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	3860	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	1488	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	4000	Apr	9	1998	rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/veg/sheet3:

total 318

-rwxr-x---	1	root	ipa	6475	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	2552	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	7260	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	262221	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	2824	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	2848	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	2357	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	5840	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	2280	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	6436	Apr	9	1998	rng
-rwxr-x---	1	root	ipa	96	Apr	9	1998	tsi
-rwxr-x---	1	root	ipa	474	Apr	9	1998	txt
-rwxr-x---	1	root	ipa	72	Apr	9	1998	txx

/opt/bswd1.0/client/tmtkv114/static/data/maps/uvmap/havana/veg/sheet4:

total 226

-rwxr-x---	1	root	ipa	4175	Apr	9	1998	cnd
-rwxr-x---	1	root	ipa	1632	Apr	9	1998	csi
-rwxr-x---	1	root	ipa	4600	Apr	9	1998	ebr
-rwxr-x---	1	root	ipa	192537	Apr	9	1998	edg
-rwxr-x---	1	root	ipa	1760	Apr	9	1998	edx
-rwxr-x---	1	root	ipa	1784	Apr	9	1998	esi
-rwxr-x---	1	root	ipa	1157	Apr	9	1998	fac
-rwxr-x---	1	root	ipa	2840	Apr	9	1998	fbr
-rwxr-x---	1	root	ipa	1080	Apr	9	1998	fsi
-rwxr-x---	1	root	ipa	3052	Apr	9	1998	rng

/opt/bswd1.0/client/tmtkv114/static/data/maps/vmap/v1:

total 0

/opt/bswd1.0/client/tmtkv114/static/data/messages:

total 16

-rwxr-x---	1	root	ipa	15589	Apr	9	1998	MF
------------	---	------	-----	-------	-----	---	------	----

/opt/bswd1.0/client/tmtkv114/static/lib:

total 4734

-rwxr-x---	1	root	ipa	654384	Feb	3	1998	libVPPF.so
-rwxr-x---	1	root	ipa	99504	Feb	3	1998	liblat.so

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```

-rwxr-x--- 1 root ipa 123236 Feb 3 1998 liblbt.so
-rwxr-x--- 1 root ipa 109896 Feb 3 1998 libllt.so
-rwxr-x--- 1 root ipa 45432 Feb 3 1998 libmap.so
-rwxr-x--- 1 root ipa 45228 Feb 3 1998 libmapapi.so
-rwxr-x--- 1 root ipa 521632 Feb 3 1998 libmbt.so
-rwxr-x--- 1 root ipa 334344 Feb 3 1998 libmct.so
-rwxr-x--- 1 root ipa 295588 Feb 3 1998 libmlt.so
-rwxr-x--- 1 root ipa 209260 Feb 3 1998 libmst.so
-rwxr-x--- 1 root ipa 6608 Feb 3 1998 libsysv.so
-rwxr-x--- 1 root ipa 128744 Feb 3 1998 libtgt.so
-rwxr-x--- 1 root ipa 373920 Feb 3 1998 libtit.so
-rwxr-x--- 1 root ipa 353512 Feb 3 1998 libtmt.so
-rwxr-x--- 1 root ipa 106016 Feb 3 1998 libtot.so
-rwxr-x--- 1 root ipa 183556 Feb 3 1998 libtrt.so
-rwxr-x--- 1 root ipa 96640 Feb 3 1998 libttt.so
-rwxr-x--- 1 root ipa 127404 Feb 3 1998 libtut.so
-rwxr-x--- 1 root ipa 44524 Feb 3 1998 libtwt.so
-rwxr-x--- 1 root ipa 5596 Feb 3 1998 libudt.so
-rwxr-x--- 1 root ipa 20272 Feb 3 1998 libuet.so
-rwxr-x--- 1 root ipa 121732 Feb 3 1998 libult.so
-rwxr-x--- 1 root ipa 410932 Feb 3 1998 libusgs.so
-rwxr-x--- 1 root ipa 201796 Feb 3 1998 libuxt.so
-rwxr-x--- 1 root ipa 16312 Feb 3 1998 libuzt.so

```

/opt/bswd1.0/dataserver:

total 5

```

drwxr-x--- 2 root ipa 512 Nov 5 14:24 index
drwxr-x--- 2 root ipa 512 Nov 5 14:24 procs
drwxr-x--- 2 root ipa 512 Nov 5 14:39 results
drwxr-x--- 2 root ipa 512 Nov 5 14:24 schema
drwxr-x--- 2 root ipa 512 Nov 5 14:24 scripts

```

/opt/bswd1.0/dataserver/index:

total 12

```

-rwxr-x--- 1 root ipa 1121 Jun 22 11:15 Event_Audit_Details_idx_bswd.sql
-rwxr-x--- 1 root ipa 1108 Apr 15 1998 Event_Audit_idx_bswd.sql
-rwxr-x--- 1 root ipa 1156 Apr 15 1998 Image_Results_idx_bswd.sql
-rwxr-x--- 1 root ipa 1618 Apr 15 1998 RequestDestination_idx_bswd.sql
-rwxr-x--- 1 root ipa 1393 Apr 15 1998 Request_idx_bswd.sql
-rwxr-x--- 1 root ipa 1188 Apr 15 1998 Target_Results_idx_bswd.sql

```

/opt/bswd1.0/dataserver/procs:

total 9

```

-rw-r----- 1 root ipa 8999 May 6 1998 Results_Tab_i_14012_012.sql

```

/opt/bswd1.0/dataserver/results:

total 0

/opt/bswd1.0/dataserver/schema:

total 16

```

-rwxr-x--- 1 root ipa 1261 Apr 15 1998 Event_Audit_Details_tbl_bswd.sql
-rwxr-x--- 1 root ipa 1388 Apr 15 1998 Event_Audit_tbl_bswd.sql
-rwxr-x--- 1 root ipa 1244 Apr 15 1998 Image_Results_tbl_bswd.sql
-rwxr-x--- 1 root ipa 2069 Jun 16 08:22 RequestDestination_tbl_bswd.sql
-rwxr-x--- 1 root ipa 2749 Jun 16 08:21 Request_tbl_bswd.sql
-rwxr-x--- 1 root ipa 1317 Apr 15 1998 Results_Tab_tbl_bswd.sql
-rwxr-x--- 1 root ipa 1319 Apr 15 1998 Target_Results_tbl_bswd.sql

```

/opt/bswd1.0/dataserver/scripts:

total 11

```

-rwxr----- 1 root ipa 1794 Apr 21 1998 Build_Bswd_DB.sh

```

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```
-rw-r----- 1 root ipa 2206 Jul 8 15:04 bswd_bu_resource_file.template
-rw-r----- 1 root ipa 4460 Jul 8 15:04 bswd_resource_file.template
-rw-r----- 1 root ipa 424 Jul 8 15:04 bswd_resource_file_sqlloc.template
```

/opt/bswd1.0/dieps_spia:

total 19

```
-rwxr-x--- 1 root ipa 400 Mar 24 1998 DECOMP_FORMAT
-rwxr-x--- 1 root ipa 6732 Mar 24 1998 DIEPS5.App
-rwxr-x--- 1 root ipa 5600 Mar 24 1998 README
drwxr-x--- 2 root ipa 1024 Nov 5 14:24 bin
drwxr-x--- 2 root ipa 512 Nov 5 14:25 images
drwxr-x--- 2 root ipa 512 Nov 5 14:25 lib
drwxr-x--- 2 root ipa 512 Nov 30 15:12 src
drwxr-s--- 2 root ipa 512 Nov 30 09:13 tmp
```

/opt/bswd1.0/dieps_spia/bin:

total 4047

```
-rwxr-x--- 1 root ipa 315 Mar 24 1998 Sraster2dieps
-rwxr-x--- 1 root ipa 6852 Mar 24 1998 bigpnmstorast
-rwxr-x--- 1 root ipa 215520 Mar 24 1998 bigpnmstotiff
-rwxr-x--- 1 root ipa 228 Mar 24 1998 dieps2bigSraster
-rwxr-x--- 1 root ipa 413 Mar 24 1998 dieps2bigtiff
-rwxr-x--- 1 root ipa 914 Mar 24 1998 dieps2gif-t
-rwxr-x--- 1 root ipa 2347192 Mar 24 1998 dieps2pnm
-rwxr-x--- 1 root ipa 917 Mar 24 1998 dieps2xpm1
-rwxr-x--- 1 root ipa 1007 Mar 24 1998 dieps2xpm3
-rwxr-x--- 1 root ipa 77696 Mar 24 1998 dieps_elmadmin
-rwxr-x--- 1 root ipa 103784 Mar 24 1998 dieps_elmd
-rwxr-x--- 1 root ipa 7748 Oct 16 14:08 ffconvert
-rwxr-x--- 1 root ipa 21776 Mar 24 1998 giftoppm
-rwxr-x--- 1 root ipa 27040 Mar 24 1998 pnmscale
-rwxr-x--- 1 root ipa 62352 Mar 24 1998 pnmtodieps
-rwxr-x--- 1 root ipa 24172 Mar 24 1998 pnmstorast
-rwxr-x--- 1 root ipa 24692 Mar 24 1998 ppmquant
-rwxr-x--- 1 root ipa 20568 Mar 24 1998 ppmtogif
-rwxr-x--- 1 root ipa 22444 Mar 24 1998 ppmtoxpm
-rwxr-x--- 1 root ipa 26052 Mar 24 1998 rasttopnm
-rwxr-x--- 1 root ipa 837592 Mar 24 1998 sxpm
-rwxr-x--- 1 root ipa 318 Mar 24 1998 tiff2dieps
-rwxr-x--- 1 root ipa 243064 Mar 24 1998 tifftopnm
-rwxr-x--- 1 root ipa 436 Mar 24 1998 xpm2gif
```

/opt/bswd1.0/dieps_spia/images:

total 6790

```
-rw-r----- 1 root ipa 1440869 Mar 24 1998 24-lzw.ntf
-rwxr-x--- 1 root ipa 1135240 Mar 24 1998 24-lzw.tif
-rwxr-x--- 1 root ipa 912498 Mar 24 1998 8-nc.tif
-rwxr-x--- 1 root ipa 375 Mar 24 1998 CONTENTS
-rwxr-x--- 1 root ipa 10165 Mar 24 1998 IPA001
-rwxr-x--- 1 root ipa 1039160 Mar 24 1998 Overview.rf
-rwxr-x--- 1 root ipa 1753532 Mar 24 1998 cloudless.sr
-rw-r----- 1 root ipa 122195 Mar 24 1998 ncnitf11.ntf
-rw-r----- 1 root ipa 122195 Mar 24 1998 nitf45.ntf
-rw-r----- 1 root ipa 34957 Mar 24 1998 plane.ntf.5
-rwxr-x--- 1 root ipa 121612 Mar 24 1998 plane.tif
-rwxr-x--- 1 root ipa 161667 Mar 24 1998 samp4.ntf
```

/opt/bswd1.0/dieps_spia/lib:

total 934

```
-rwxr-x--- 1 root ipa 14376 Mar 24 1998 libdiepsipa.so
-rwxr-x--- 1 root ipa 759412 Mar 24 1998 libdiepsnitf.so
```

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```
-rwxr-x--- 1 root ipa 42052 Mar 24 1998 libfax.so
-rwxr-x--- 1 root ipa 111480 Mar 24 1998 libjpeg.so
-rwxr-x--- 1 root ipa 4184 Mar 24 1998 libuncomp.so

/opt/bswd1.0/dieps_spia/src:
total 58
-rwxr-x--- 1 root ipa 28906 Mar 24 1998 updipa
-rwxr-x--- 1 root ipa 29186 Mar 24 1998 xtract

/opt/bswd1.0/dieps_spia/tmp:
total 0

/opt/bswd1.0/etc:
total 480
-rw-r----- 1 root ipa 5695 May 6 1998 catis_env.dat
-rw-r----- 1 root ipa 27358 Mar 24 1998 download.file
-rw-r----- 1 root ipa 62499 Mar 24 1998 error_messages
-rw-r----- 1 root ipa 2775 Nov 5 14:39 ipc_services.dat
-rw-r----- 1 root ipa 363667 Sep 30 13:18 local.gkpr.conf.template
-rw-r----- 1 root ipa 78 May 6 1998 log.conf
-rw-r----- 1 root ipa 2498 Nov 16 15:30 odbc.ini
-rw-r----- 1 root ipa 2498 May 6 1998 odbc.ini.template
-rw-r----- 1 root ipa 118 May 1 1998 private.conf.template
-rw-r----- 1 root ipa 46 Apr 14 1998 remote.gkpr.conf.template
-rw-r----- 1 root ipa 4954 Nov 6 15:24 server_env_vars.template

/opt/bswd1.0/logs:
total 0

/opt/bswd1.0/odbc:
total 7
-rw-r----- 1 root ipa 148 Apr 28 1998 README
drwxr----- 12 root ipa 512 Apr 1 1998 charsets
drwxr----- 2 root ipa 512 Nov 5 14:34 config
lrwxrwxrwx 1 root ipa 22 Nov 30 14:26 interfaces -> /opt/SYBASE/interfaces
drwxr----- 2 root ipa 1024 Nov 5 14:34 lib
drwxr----- 4 root ipa 512 Apr 1 1998 locales
drwxr----- 2 root ipa 512 Nov 5 14:34 setupxbms
drwxr----- 2 root ipa 512 Nov 5 14:34 xappdefaults

/opt/bswd1.0/odbc/charsets:
total 10
drwxr----- 2 root ipa 512 Nov 5 14:34 ascii_8
drwxr----- 2 root ipa 512 Nov 5 14:34 cp437
drwxr----- 2 root ipa 512 Nov 5 14:34 cp850
drwxr----- 2 root ipa 512 Nov 5 14:34 deckanji
drwxr----- 2 root ipa 512 Nov 5 14:34 eucjis
drwxr----- 2 root ipa 1024 Nov 5 14:34 iso_1
drwxr----- 2 root ipa 512 Nov 5 14:34 mac
drwxr----- 2 root ipa 512 Nov 5 14:34 roman8
drwxr----- 2 root ipa 512 Nov 5 14:34 sjis
drwxr----- 2 root ipa 512 Nov 5 14:34 utf8

/opt/bswd1.0/odbc/charsets/ascii_8:
total 6
-rw-r----- 1 root ipa 696 Mar 15 1995 binary.srt
-rw-r----- 1 root ipa 4617 Mar 15 1995 charset.loc

/opt/bswd1.0/odbc/charsets/cp437:
total 75
-rw-r----- 1 root ipa 607 Aug 13 1993 binary.srt
```

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```
-rw-r----- 1 root ipa 4590 Aug 13 1993 charset.loc
-rw-r----- 1 root ipa 255 Oct 24 1995 cp437.cfg
-rw-r----- 1 root ipa 8221 Aug 13 1993 dictionary.srt
-rw-r----- 1 root ipa 8381 Jan 26 1994 espdict.srt
-rw-r----- 1 root ipa 8394 Jan 26 1994 espnoac.srt
-rw-r----- 1 root ipa 8319 Jan 26 1994 espnocs.srt
-rw-r----- 1 root ipa 8239 Aug 13 1993 noaccents.srt
-rw-r----- 1 root ipa 8734 Aug 13 1993 nocase.srt
-rw-r----- 1 root ipa 8797 Aug 13 1993 nocasepref.srt
-rw-r----- 1 root ipa 4988 Feb 22 1996 utf8.ctb
```

/opt/bswd1.0/odbc/charsets/cp850:

total 123

```
-rw-r----- 1 root ipa 8642 Aug 13 1993 altdict.srt
-rw-r----- 1 root ipa 8274 Aug 13 1993 altnoacc.srt
-rw-r----- 1 root ipa 9049 Aug 13 1993 altnocsp.srt
-rw-r----- 1 root ipa 607 Aug 13 1993 binary.srt
-rw-r----- 1 root ipa 4588 Aug 13 1993 charset.loc
-rw-r----- 1 root ipa 255 Oct 24 1995 cp850.cfg
-rw-r----- 1 root ipa 8222 Aug 13 1993 dictionary.srt
-rw-r----- 1 root ipa 8161 Jan 26 1994 espdict.srt
-rw-r----- 1 root ipa 8222 Jan 26 1994 espnoac.srt
-rw-r----- 1 root ipa 8139 Jan 26 1994 espnocs.srt
-rw-r----- 1 root ipa 8273 Aug 13 1993 noaccents.srt
-rw-r----- 1 root ipa 8761 Aug 13 1993 nocase.srt
-rw-r----- 1 root ipa 5807 Aug 13 1993 nocase34.srt
-rw-r----- 1 root ipa 8838 Aug 13 1993 nocasepref.srt
-rw-r----- 1 root ipa 8036 Aug 13 1993 scandict.srt
-rw-r----- 1 root ipa 8948 Aug 13 1993 scannocp.srt
-rw-r----- 1 root ipa 4988 Feb 22 1996 utf8.ctb
```

/opt/bswd1.0/odbc/charsets/deckanji:

total 221

```
-rw-r----- 1 root ipa 661 Aug 13 1993 binary.srt
-rw-r----- 1 root ipa 18537 Aug 13 1993 charset.loc
-rw-r----- 1 root ipa 187 Oct 24 1995 deckanji.cfg
-rw-r----- 1 root ipa 188442 Feb 22 1996 utf8.ctb
```

/opt/bswd1.0/odbc/charsets/eucjis:

total 246

```
-rw-r----- 1 root ipa 657 Aug 13 1993 binary.srt
-rw-r----- 1 root ipa 21068 Aug 13 1993 charset.loc
-rw-r----- 1 root ipa 186 Jul 17 1996 eucjis.cfg
-rw-r----- 1 root ipa 190157 Feb 22 1996 utf8.ctb
-rw-r----- 1 root ipa 12215 Aug 13 1993 zenkaku.loc
-rw-r----- 1 root ipa 10900 Mar 15 1995 zenkaku.xlt
```

/opt/bswd1.0/odbc/charsets/iso_1:

total 219

```
-rw-r----- 1 root ipa 8088 Nov 16 1993 avt.loc
-rw-r----- 1 root ipa 6412 Mar 15 1995 avt.xlt
-rw-r----- 1 root ipa 636 Aug 13 1993 binary.srt
-rw-r----- 1 root ipa 4611 Aug 13 1993 charset.loc
-rw-r----- 1 root ipa 8368 Nov 16 1993 cit101e.loc
-rw-r----- 1 root ipa 6412 Mar 15 1995 cit101e.xlt
-rw-r----- 1 root ipa 8088 Mar 15 1995 cit101xl.loc
-rw-r----- 1 root ipa 6412 Mar 15 1995 cit101xl.xlt
-rw-r----- 1 root ipa 8088 Nov 16 1993 cit50.loc
-rw-r----- 1 root ipa 6412 Mar 15 1995 cit50.xlt
-rw-r----- 1 root ipa 8449 Aug 13 1993 dictionary.srt
-rw-r----- 1 root ipa 8421 Jan 26 1994 espdict.srt
```

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```

-rw-r----- 1 root ipa 8434 Jan 26 1994 espnoac.srt
-rw-r----- 1 root ipa 8336 Jan 26 1994 espnocs.srt
-rw-r----- 1 root ipa 8886 Nov 16 1993 hds200_7.loc
-rw-r----- 1 root ipa 6412 Mar 15 1995 hds200_7.xlt
-rw-r----- 1 root ipa 255 Oct 24 1995 iso_1.cfg
-rw-r----- 1 root ipa 8487 Aug 13 1993 noaccents.srt
-rw-r----- 1 root ipa 8949 Aug 13 1993 nocase.srt
-rw-r----- 1 root ipa 9047 Aug 13 1993 nocasepref.srt
-rw-r----- 1 root ipa 8088 Nov 16 1993 sun.loc
-rw-r----- 1 root ipa 6412 Mar 15 1995 sun.xlt
-rw-r----- 1 root ipa 4976 Feb 22 1996 utf8.ctb
-rw-r----- 1 root ipa 8088 Nov 16 1993 vt100.loc
-rw-r----- 1 root ipa 6412 Mar 15 1995 vt100.xlt
-rw-r----- 1 root ipa 5488 Nov 16 1993 vt200.loc
-rw-r----- 1 root ipa 4708 Mar 15 1995 vt200.xlt
-rw-r----- 1 root ipa 5453 Nov 16 1993 vt330.loc
-rw-r----- 1 root ipa 4732 Mar 15 1995 vt330.xlt
-rw-r----- 1 root ipa 8088 Nov 16 1993 wyse50.loc
-rw-r----- 1 root ipa 6412 Mar 15 1995 wyse50.xlt

```

/opt/bswd1.0/odbc/charsets/mac:

total 12

```

-rw-r----- 1 root ipa 623 Aug 13 1993 binary.srt
-rw-r----- 1 root ipa 4604 Aug 13 1993 charset.loc
-rw-r----- 1 root ipa 255 Oct 24 1995 mac.cfg
-rw-r----- 1 root ipa 4927 Feb 22 1996 utf8.ctb

```

/opt/bswd1.0/odbc/charsets/roman8:

total 77

```

-rw-r----- 1 root ipa 632 Aug 13 1993 binary.srt
-rw-r----- 1 root ipa 4609 Aug 13 1993 charset.loc
-rw-r----- 1 root ipa 8830 Aug 13 1993 dictionary.srt
-rw-r----- 1 root ipa 8759 Jan 26 1994 espdict.srt
-rw-r----- 1 root ipa 8872 Jan 26 1994 espnoac.srt
-rw-r----- 1 root ipa 8754 Jan 26 1994 espnocs.srt
-rw-r----- 1 root ipa 8913 Aug 13 1993 noaccents.srt
-rw-r----- 1 root ipa 9398 Aug 13 1993 nocase.srt
-rw-r----- 1 root ipa 9495 Aug 13 1993 nocasepref.srt
-rw-r----- 1 root ipa 255 Oct 24 1995 roman8.cfg
-rw-r----- 1 root ipa 4973 Feb 22 1996 utf8.ctb

```

/opt/bswd1.0/odbc/charsets/sjis:

total 225

```

-rw-r----- 1 root ipa 655 Aug 13 1993 binary.srt
-rw-r----- 1 root ipa 18551 Aug 13 1993 charset.loc
-rw-r----- 1 root ipa 187 Jul 17 1996 sjis.cfg
-rw-r----- 1 root ipa 186104 Feb 22 1996 utf8.ctb
-rw-r----- 1 root ipa 4987 Aug 13 1993 zenkaku.loc
-rw-r----- 1 root ipa 6292 Mar 15 1995 zenkaku.xlt

```

/opt/bswd1.0/odbc/charsets/utf8:

total 996

```

-rw-r----- 1 root ipa 662 Oct 24 1995 binary.srt
-rw-r----- 1 root ipa 6546 Oct 24 1995 charset.loc
-rw-r----- 1 root ipa 13286 Feb 22 1996 cp437.ctb
-rw-r----- 1 root ipa 11961 Feb 22 1996 cp850.ctb
-rw-r----- 1 root ipa 302620 Feb 22 1996 deckanji.ctb
-rw-r----- 1 root ipa 304334 Feb 22 1996 eucjis.ctb
-rw-r----- 1 root ipa 9920 Feb 22 1996 iso_1.ctb
-rw-r----- 1 root ipa 12503 Feb 22 1996 mac.ctb
-rw-r----- 1 root ipa 11198 Feb 22 1996 roman8.ctb

```

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```

-rw-r----- 1 root ipa 304332 Feb 22 1996 sjis.ctb
-rw-r----- 1 root ipa 366 Oct 24 1995 utf8.cfg

/opt/bswd1.0/odbc/config:
total 95
-rwxr-x--- 1 root ipa 518 Aug 9 1996 libtcl.cfg
-rwxr-x--- 1 root ipa 89891 Oct 24 1995 mnemonic.dat
-rwxr-x--- 1 root ipa 3866 Jul 23 1996 objectid.dat
-rwxr-x--- 1 root ipa 1529 Apr 11 1996 sample.cfg

/opt/bswd1.0/odbc/lib:
total 9023
-rw-r----- 1 root ipa 896 May 29 1998 SYODBC.LIC
-rwxr-x--- 1 root ipa 14219 May 6 1998 SYbas12.mo
-rwxr-x--- 1 root ipa 10823 May 6 1998 SYflt12.mo
-rwxr-x--- 1 root ipa 173272 May 6 1998 SYsyb1112.so
-rwxr-x--- 1 root ipa 2785 May 6 1998 SYsyb12.mo
-rwxr-x--- 1 root ipa 173200 May 6 1998 SYsyb12.so
-rwxr-x--- 1 root ipa 4378 May 6 1998 SYutl12.mo
-rwxr-x--- 1 root ipa 384236 May 6 1998 libSYbas12.so
-rwxr-x--- 1 root ipa 518416 May 6 1998 libSYflt12.so
-rwxr-x--- 1 root ipa 23128 May 6 1998 libSYmback.so
-rwxr-x--- 1 root ipa 10160 May 6 1998 libSYmfront.so
-rwxr-x--- 1 root ipa 350544 May 6 1998 libSYutl12.so
-rwxr-x--- 1 root ipa 618356 Aug 20 1996 libcomn.so
-rwxr-x--- 1 root ipa 640156 Aug 20 1996 libcomn_r.so
-rwxr-x--- 1 root ipa 96972 Aug 28 1996 libcs.so
-rwxr-x--- 1 root ipa 103032 Aug 28 1996 libcs_r.so
-rwxr-x--- 1 root ipa 782272 Aug 20 1996 libct.so
-rwxr-x--- 1 root ipa 807552 Aug 20 1996 libct_r.so
-rwxr-x--- 1 root ipa 37768 Aug 20 1996 libddce.so
-rwxr-x--- 1 root ipa 62368 Aug 20 1996 libintl.so
-rwxr-x--- 1 root ipa 65032 Aug 20 1996 libintl_r.so
-rwxr-x--- 1 root ipa 1415812 May 6 1998 libodbc.so
-rwxr-x--- 1 root ipa 9448 May 6 1998 libodbcinst.so
-rwxr-x--- 1 root ipa 7836 Mar 17 1998 liboraclemap.so
-rwxr-x--- 1 root ipa 15312 Aug 20 1996 libsdce.so
-rwxr-x--- 1 root ipa 21004 Aug 23 1996 libskrb.so
-rwxr-x--- 1 root ipa 1476596 Aug 20 1996 libsybdb.so
-rwxr-x--- 1 root ipa 398192 Aug 20 1996 libtcl.so
-rwxr-x--- 1 root ipa 406916 Aug 20 1996 libtcl_r.so
-rwxr-x--- 1 root ipa 25084 Aug 20 1996 libtli.so
-rwxr-x--- 1 root ipa 20216 Aug 20 1996 libtli_r.so
-rwxr-x--- 1 root ipa 109180 May 6 1998 odbccurs.so
-rwxr-x--- 1 root ipa 182260 May 6 1998 odbctrac.so
lrwxrwxrwx 1 root ipa 10 Nov 30 14:26 saodbc.so.1 -> libodbc.so
-rwxr-x--- 1 root ipa 65476 May 6 1998 vsnctdlg.so.1

```

```

/opt/bswd1.0/odbc/locales:
total 10
-rw-r----- 1 root ipa 8172 Jul 2 1996 locales.dat
drwxr----- 3 root ipa 512 Apr 1 1998 message
drwxr----- 7 root ipa 512 Apr 1 1998 us_english

```

```

/opt/bswd1.0/odbc/locales/message:
total 1
drwxr----- 2 root ipa 1024 Nov 5 14:34 us_english

```

```

/opt/bswd1.0/odbc/locales/message/us_english:
total 204
-rw-r----- 1 root ipa 4288 May 2 1996 blklib.loc

```

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-rw-r-----	1	root	ipa	2341	Jan 23	1996	cobct.loc
-rw-r-----	1	root	ipa	2726	Aug 21	1996	common.loc
-rw-r-----	1	root	ipa	2256	Jan 23	1996	comnlib.loc
-rw-r-----	1	root	ipa	5732	May 13	1996	cslib.loc
-rw-r-----	1	root	ipa	6524	Jul 23	1996	ctbcp.loc
-rw-r-----	1	root	ipa	9777	Aug 23	1996	ctdfncpy.loc
-rw-r-----	1	root	ipa	3506	Oct 24	1995	ctdrvlib.loc
-rw-r-----	1	root	ipa	2244	Aug 2	1996	ctisql.loc
-rw-r-----	1	root	ipa	33806	Feb 27	1996	ctlib.loc
-rw-r-----	1	root	ipa	24702	Jul 12	1996	dblib.loc
-rw-r-----	1	root	ipa	8626	Jun 27	1996	dcllib.loc
-rw-r-----	1	root	ipa	3790	Jul 23	1996	dscp.loc
-rw-r-----	1	root	ipa	13191	Aug 23	1996	esql.loc
-rw-r-----	1	root	ipa	2205	Oct 24	1995	libdna.loc
-rw-r-----	1	root	ipa	1895	Oct 24	1995	libinsck.loc
-rw-r-----	1	root	ipa	1894	Oct 20	1995	libsdna.loc
-rw-r-----	1	root	ipa	2161	Oct 24	1995	libsri.loc
-rw-r-----	1	root	ipa	1995	Oct 24	1995	libtli.loc
-rw-r-----	1	root	ipa	1668	Aug 23	1996	nlmsnmp.loc
-rw-r-----	1	root	ipa	2080	Aug 23	1996	nlwnsck.loc
-rw-r-----	1	root	ipa	28762	Aug 23	1996	oslib.loc
-rw-r-----	1	root	ipa	10258	May 14	1996	scllib.loc
-rw-r-----	1	root	ipa	12931	Nov 30	1995	tcllib.loc
-rw-r-----	1	root	ipa	4352	Aug 21	1996	xdsedit.loc

/opt/bswd1.0/odbc/locales/us_english:

total 5

drwxr-----	2	root	ipa	512	Nov 5	14:34	cp437
drwxr-----	2	root	ipa	512	Nov 5	14:34	cp850
drwxr-----	2	root	ipa	512	Nov 5	14:34	iso_1
drwxr-----	2	root	ipa	512	Nov 5	14:34	mac
drwxr-----	2	root	ipa	512	Nov 5	14:34	roman8

/opt/bswd1.0/odbc/locales/us_english/cp437:

total 97

-rw-r-----	1	root	ipa	3490	Nov 11	1993	bcp.loc
-rw-r-----	1	root	ipa	4205	Aug 20	1993	blklib.loc
-rw-r-----	1	root	ipa	2714	Aug 21	1996	common.loc
-rw-r-----	1	root	ipa	5332	Aug 20	1993	cslib.loc
-rw-r-----	1	root	ipa	25926	Aug 20	1993	ctlib.loc
-rw-r-----	1	root	ipa	23995	Nov 11	1993	dblib.loc
-rw-r-----	1	root	ipa	1331	Aug 20	1993	defncopy.loc
-rw-r-----	1	root	ipa	1185	Aug 20	1993	isql.loc
-rw-r-----	1	root	ipa	2216	Jun 30	1995	libdna.loc
-rw-r-----	1	root	ipa	1908	Jun 30	1995	libinsck.loc
-rw-r-----	1	root	ipa	1906	Jun 30	1995	libsdna.loc
-rw-r-----	1	root	ipa	2172	Jun 30	1995	libsri.loc
-rw-r-----	1	root	ipa	1883	Jun 30	1995	libtli.loc
-rw-r-----	1	root	ipa	12942	Jun 30	1995	tcllib.loc

/opt/bswd1.0/odbc/locales/us_english/cp850:

total 97

-rw-r-----	1	root	ipa	3490	Nov 11	1993	bcp.loc
-rw-r-----	1	root	ipa	4205	Aug 20	1993	blklib.loc
-rw-r-----	1	root	ipa	2714	Aug 21	1996	common.loc
-rw-r-----	1	root	ipa	5332	Aug 20	1993	cslib.loc
-rw-r-----	1	root	ipa	25926	Aug 20	1993	ctlib.loc
-rw-r-----	1	root	ipa	23995	Nov 11	1993	dblib.loc
-rw-r-----	1	root	ipa	1331	Aug 20	1993	defncopy.loc
-rw-r-----	1	root	ipa	1185	Aug 20	1993	isql.loc
-rw-r-----	1	root	ipa	2216	Jun 30	1995	libdna.loc

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```
-rw-r----- 1 root ipa 1908 Jun 30 1995 libinsck.loc
-rw-r----- 1 root ipa 1906 Jun 30 1995 libsdna.loc
-rw-r----- 1 root ipa 2172 Jun 30 1995 libsri.loc
-rw-r----- 1 root ipa 1883 Jun 30 1995 libtli.loc
-rw-r----- 1 root ipa 12942 Jun 30 1995 tcllib.loc
```

/opt/bswd1.0/odbc/locales/us_english/iso_1:

total 99

```
-rw-r----- 1 root ipa 3490 Jun 30 1995 bcp.loc
-rw-r----- 1 root ipa 4217 Jan 15 1994 blklib.loc
-rw-r----- 1 root ipa 2726 Aug 21 1996 common.loc
-rw-r----- 1 root ipa 5344 Jan 15 1994 cslib.loc
-rw-r----- 1 root ipa 27967 Jan 23 1996 ctlib.loc
-rw-r----- 1 root ipa 23995 Jan 15 1994 dblib.loc
-rw-r----- 1 root ipa 1345 Jan 15 1994 defncopy.loc
-rw-r----- 1 root ipa 1194 Jan 15 1994 isql.loc
-rw-r----- 1 root ipa 2205 Jan 15 1994 libdna.loc
-rw-r----- 1 root ipa 1895 Jan 15 1994 libinsck.loc
-rw-r----- 1 root ipa 1894 Jan 15 1994 libsdna.loc
-rw-r----- 1 root ipa 2161 Jan 15 1994 libsri.loc
-rw-r----- 1 root ipa 1995 Jun 30 1995 libtli.loc
-rw-r----- 1 root ipa 12931 Mar 7 1996 tcllib.loc
```

/opt/bswd1.0/odbc/locales/us_english/mac:

total 97

```
-rw-r----- 1 root ipa 3490 Nov 11 1993 bcp.loc
-rw-r----- 1 root ipa 4205 Aug 20 1993 blklib.loc
-rw-r----- 1 root ipa 2714 Aug 21 1996 common.loc
-rw-r----- 1 root ipa 5332 Aug 20 1993 cslib.loc
-rw-r----- 1 root ipa 25926 Aug 20 1993 ctlib.loc
-rw-r----- 1 root ipa 23995 Nov 11 1993 dblib.loc
-rw-r----- 1 root ipa 1331 Aug 20 1993 defncopy.loc
-rw-r----- 1 root ipa 1185 Aug 20 1993 isql.loc
-rw-r----- 1 root ipa 2216 Jun 30 1995 libdna.loc
-rw-r----- 1 root ipa 1908 Jun 30 1995 libinsck.loc
-rw-r----- 1 root ipa 1906 Jun 30 1995 libsdna.loc
-rw-r----- 1 root ipa 2172 Jun 30 1995 libsri.loc
-rw-r----- 1 root ipa 1883 Jun 30 1995 libtli.loc
-rw-r----- 1 root ipa 12942 Jun 30 1995 tcllib.loc
```

/opt/bswd1.0/odbc/locales/us_english/roman8:

total 97

```
-rw-r----- 1 root ipa 3490 Nov 11 1993 bcp.loc
-rw-r----- 1 root ipa 4205 Aug 20 1993 blklib.loc
-rw-r----- 1 root ipa 2714 Aug 21 1996 common.loc
-rw-r----- 1 root ipa 5332 Aug 20 1993 cslib.loc
-rw-r----- 1 root ipa 25926 Aug 20 1993 ctlib.loc
-rw-r----- 1 root ipa 23995 Nov 11 1993 dblib.loc
-rw-r----- 1 root ipa 1331 Aug 20 1993 defncopy.loc
-rw-r----- 1 root ipa 1185 Aug 20 1993 isql.loc
-rw-r----- 1 root ipa 2216 Jun 30 1995 libdna.loc
-rw-r----- 1 root ipa 1894 Nov 5 1993 libinsck.loc
-rw-r----- 1 root ipa 1906 Jun 30 1995 libsdna.loc
-rw-r----- 1 root ipa 2172 Jun 30 1995 libsri.loc
-rw-r----- 1 root ipa 1883 Jun 30 1995 libtli.loc
-rw-r----- 1 root ipa 12973 Nov 5 1993 tcllib.loc
```

/opt/bswd1.0/odbc/setupxbms:

total 2

```
-rwxr-x--- 1 root ipa 1397 Aug 21 1996 dismiss.xbm
```

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/opt/bswd1.0/odbc/xappdefaults:

total 1

-rw-r----- 1 root ipa 275 Aug 21 1996 Sybhelp

/opt/bswd1.0/plugins:

total 7

drwxr-x--- 2 root ipa 512 Nov 5 14:24 5d

drwxr-x--- 2 root ipa 512 Nov 5 14:24 amhs

drwxr-x--- 2 root ipa 512 Nov 5 14:24 iess

drwxr-x--- 2 root ipa 512 Nov 5 14:24 ipl

drwxr-x--- 3 root ipa 512 Feb 13 1998 ipl20

drwxr-x--- 2 root ipa 512 Nov 5 14:24 midb

drwxr-x--- 2 root ipa 512 Nov 5 14:24 remote

/opt/bswd1.0/plugins/5d:

total 1

-rw-r----- 1 root ipa 185 May 21 1998 env_vars

/opt/bswd1.0/plugins/amhs:

total 1

-rw-r----- 1 root ipa 36 Jan 12 1998 env_vars

/opt/bswd1.0/plugins/iess:

total 1

-rw-r----- 1 root ipa 49 May 21 1998 env_vars

/opt/bswd1.0/plugins/ipl:

total 1

-rw-r----- 1 root ipa 302 May 5 1998 env_vars

/opt/bswd1.0/plugins/ipl20:

total 2

-rw-r----- 1 root ipa 522 Feb 5 1998 env_vars

drwxr-x--- 2 root ipa 512 Nov 5 14:24 shr

/opt/bswd1.0/plugins/ipl20/shr:

total 408

-rwxr-x--- 1 root ipa 404756 Mar 31 1998 libipl20pluginlib.so

/opt/bswd1.0/plugins/midb:

total 1

-rw-r----- 1 root ipa 122 May 11 1998 env_vars

/opt/bswd1.0/plugins/remote:

total 1

-rw-r----- 1 root ipa 52 Nov 19 1997 env_vars

/opt/bswd1.0/scripts:

total 98

-rwx----- 1 root ipa 110 Oct 27 14:48 GenerateChecksums.sh

-rwxr----- 1 root ipa 1340 Mar 24 1998 audit_ipa

-rw-r----- 1 root ipa 1300 Mar 24 1998 audit_ipa.lm

-rw-r----- 1 root ipa 1752 Mar 24 1998 audit_ipa.awk

-rwxr-x--- 1 root ipa 519 Aug 25 11:54 bswd

-rwx----- 1 root ipa 62968 Nov 25 14:36 install

-rwxr----- 1 root ipa 17573 Oct 21 14:00 manage_bswd

-rwxr----- 1 root ipa 1316 Mar 24 1998 solaris_login_audit

-rwxr----- 1 root ipa 807 Jun 29 16:02 startserver

-rw-r----- 1 root ipa 5 Apr 16 1998 startserver.stdin

-rwxr----- 1 root ipa 1599 Jun 29 16:08 stop_it

-rwxr----- 1 root ipa 804 Jun 29 16:02 stopserver

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```
-rwxr----- 1 root   ipa           89 Jul  1 16:25 update_config
-rwxr-x---   1 root   ipa          1881 Oct 23 07:42 whoserver

/opt/bswd1.0/skey:
total 84
-rwxr-x---   1 root   ipa          35796 Oct 16 14:08 key
-rwxr-x---   1 root   ipa           3157 Mar 24 1998 key.README
-rwxr-x---   1 root   ipa            457 Mar 24 1998 keyinfo
-rwxr-x---   1 root   ipa          44452 Oct 16 14:08 keyinit

/opt/bswd1.0/tmp:
total 0

/opt/bswd1.0/transfer:
total 0

lrwxrwxrwx   1 root   daemon       25 Nov 30 14:26 /etc/init.d/bswd -> /opt/bswd1.0/scripts/bswd
lrwxrwxrwx   1 root   daemon       25 Nov 30 14:26 /etc/rc0.d/K00stop_bswd ->
/opt/bswd1.0/scripts/bswd
lrwxrwxrwx   1 root   daemon       25 Nov 30 14:26 /etc/rc3.d/S99zstart_bswd ->
/opt/bswd1.0/scripts/bswd
```